

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

LA-3 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDF-55WF655	RM-Y915	US/CND
KDF-60WF655	RM-Y915	US/CND

ORIGINAL MANUAL ISSUE DATE: 9/2004

 :UPDATED ITEM

REVISION DATE	SUBJECT
9/2004	No revisions or updates are applicable at this time.
10/2004	Updated Block Diagram (Replaced Page 35 with Page 35) Corrected PN for Cabinet Assembly Bottom, Added missing parts to Exploded View section (Replaced Page 73 with Page 73, Replaced Page 74 with Page 74) Added PN for Lamp and Washer (Replaced Page 122 with Page 122)
1/2005	Corrected Section 2-1. Setting the Service Adjustment Mode and 2-2. Service Adjustment Mode Memory (Replaced Page 27 with Page 27) Corrected Section 2-4. Remote Adjustment Buttons and Indicators (Replaced Page 28 with Page 28) Updated contact information for Service Data requests (Replaced Page 30 with Page 30) Updated contact information for Tiled Schematic requests (Replaced Last Page with Last Page)
1/2005	Added Caution statement (Replaced Page 6 with Page 6)
8/2005	Corrected location of LVDS Cables (Replaced Page 75 with Page 75)

LCD PROJECTION TELEVISION

SONY®

SERVICE MANUAL

LA-3 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDF-55WF655	RM-Y915	US/CND
KDF-60WF655	RM-Y915	US/CND



KDF-55WF655



RM-Y915

LCD PROJECTION TELEVISION

SONY®

TABLE OF CONTENTS

SECTION TITLE	PAGE	SECTION TITLE	PAGE
Specifications	4	SECTION 3: DIAGRAMS.....	33
Warnings and Cautions	6	3-1. Circuit Boards Location	33
Safety Check-Out	7	3-2. Printed Wiring Boards and Schematic Diagrams Information	33
Self-Diagnostic Function.....	8	3-3. Block Diagram.....	35
SECTION 1: DISASSEMBLY.....	13	3-4. Schematics and Supporting Information	36
1-1. Rear Cover Removal.....	13	A Board Schematic Diagram (1 of 3).....	36
1-2. Center Pillar Removal	13	A Board Schematic Diagram (2 of 3).....	37
1-3. Chassis Assembly and fan Removal	14	A Board Schematic Diagram (3 of 3).....	38
1-4. Service Position	14	B Board Schematic Diagram (1 of 6)	41
1-5. Power Supply Block Removal (Lamp Drive Unit).....	15	B Board Schematic Diagram (2 of 6)	42
1-6. RF Antenna Switch and P Board Removal	15	B Board Schematic Diagram (3 of 6)	43
1-7. U Board, H4 Board, and Fan Removal	16	B Board Schematic Diagram (4 of 6)	44
1-8. F Board and G1 Board Board Removal	16	B Board Schematic Diagram (5 of 6)	45
1-9. A Board and KD Board Removal.....	17	B Board Schematic Diagram (6 of 6)	46
1-10.Q Box Assembly and B Board Removal.....	17	G2 Board Schematic Diagram (1 of 2).....	49
1-11.G2 Board Removal.....	18	G2 Board Schematic Diagram (2 of 2)	50
1-12.Woofer Removal	18	P Board Schematic Diagram	53
1-13.Optics Unit Block Assembly and D.C. Fan Removal.....	19	KD Board Schematic Diagram	54
1-14.T Board Removal	19	G1 Board Schematic Diagram (1 of 2)	56
1-15.Front Cover Assembly Removal.....	20	G1 Board Schematic Diagram (2 of 2)	57
1-15-1. Replacing the Lamp.....	20	F Board Schematic Diagram.....	60
1-16.HM Board and H2 Board Removal.....	20	HM Board Schematic Diagram.....	62
1-17.H1 Board Removal.....	21	H1 Board Schematic Diagram.....	64
1-18.Screen Mirror Block Assembly Removal	21	H2 Board Schematic Diagram.....	66
1-19.Mirror Cover Assembly, H3 Board, and Speaker Removal ..	22	H3 Board Schematic Diagram.....	68
1-19-1. Diffusion plates (Screens) Tape Method	22	H4 Board Schematic Diagram.....	69
Wire Dressing	23	T Board Schematic Diagram	69
SECTION 2: CIRCUIT ADJUSTMENTS.....	27	U Board Schematic Diagram.....	70
2-1. Setting the Service Adjustment Mode	27	3-5. Semiconductors	72
2-2. Service Adjustment Mode Memory	27	SECTION 4: EXPLODED VIEWS.....	73
2-3. Memory Write Confirmation Method	28	4-1. Cover.....	73
2-4. Remote Adjustment Buttons and Indicators.....	28	4-2. Bottom Cabinet	74
2-5. H/V Center Confirmation and Adjustments	29	4-3. Chassis	75
2-6. Service Data.....	30	SECTION 5: ELECTRICAL PARTS LIST	76
2-7. ID Map Table	32		

SPECIFICATIONS

Power Requirements	120V AC, 60Hz
Power Consumption (W)	230W
In Use (Max)	Under 20W
In Standby	HDMI IN
Inputs/Outputs	Video - 1080i, 720p, 480p, 480i Audio - Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20, and 24 bit
	Video (IN) 4 total (1 on front panel) 1Vp-p, 75ohms unbalanced, sync negative
	S Video (IN) 4 total (1 on front panel) Y: 1Vp-p, 75ohms unbalanced, sync negative C: 0.286Vp-p (Burst signal), 75ohms
	Audio (IN) 7 total (1 on front panel) 500 mVrms (100% modulation) Impedance:47 kilo ohms
	Audio (VAR/FIX) Out 1 total 500 mVrms at the maximum volume setting (Variable) 500 mVrms (Fixed) Impedance (Output):2 kilo ohm Note: Audio Out jacks are operable only when the TV's speaker is set to Off.

Control S (IN) 1 total Minijack
Control S (OUT) 1 total Minijack
Component Video Input 2 (Y, P _B , P _R) Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative P _B : 0.7 Vp-p, 75 ohms; P _R : 0.7 Vp-p, 75 ohms
RF Inputs 2 total
Digital Audio Optical Output (PCM/Dolby Digital) 1 total Optical Rectangular (1)
CableCARD Slot 1 total PCMCIA Type I/II

	KDF-55WF655	KDF-60WF655
Speaker Output (W)	5W x 2	
Woofer	20W	
Dimensions (W x H x D)		
mm	1,456 x 943 x 491 mm	1,574 x 1,005 x 518 mm
in	57 ¹ / ₃ x 37 ¹ / ₈ x 19 ¹ / ₃ in	62 x 39 ¹ / ₂ x 20 ¹ / ₃ in
Mass		
kg	46 kg	50.5 kg
lbs	101 lbs 7 oz	111 lbs 5 oz

CableCARD™ is a trademark of Cable Television Laboratories, Inc.

TruSurround, SRS and the (●)® symbol are trademarks of SRS Labs, Inc.

TruSurround technology is incorporated under license from SRS Labs, Inc.

BBE and BBE Symbol are trademarks of BBE Sound, Inc. and are licensed by BBE Sound, Inc. under U.S. Patent No. 4,638,258 and 4,482,866.



Manufactured under license from Dolby Laboratories Licensing Corporation. Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.



This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

WEGA, Steady Sound, Digital Reality Creation, CineMotion, Memory Stick, Memory Stick Duo, Memory Stick PRO, Memory Stick PRO Duo, MagicGate, MID and Twin View are trademarks of Sony Corporation.

Design and specifications are subject to change without notice.

Television system

American TV standard, NTSC
ATSC compliant 8VSB, ATSC (8VSB terrestrial)
ANSI/SCTE 07 2000 QAM on cable

Channel coverage

Terrestrial 2-69/ Cable TV: 1-125 (analog)
Terrestrial: 2-69/ Cable TV: 1-135 (digital)

Screen Size (measured diagonally)

55 inches (KDF-55WF655 Only)
60 inches (KDF-60WF655 Only)

Antenna

75-ohm external antenna terminal for VHF/UHF

Projection System

3 LCD Panels, 1 lens projection system

LCD Panel

0.87 inch TFT LCD panel Approx. 3.28 million dots
(1,042,168 pixels)

Projection Lens

High Performance, large diameter hybrid lens F2.4

Lamp


UHP lamp, 100W XL-2100 or XL2100U

Supplied Accessories

Remote Commander RM-Y915
Two Size AA (R6) Batteries

WARNINGS AND CAUTIONS

CAUTION


 These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING!!


An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.



SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and  mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.


ATTENTION!!

 Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.



ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque  sur les schémas de principe, les vues explosées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

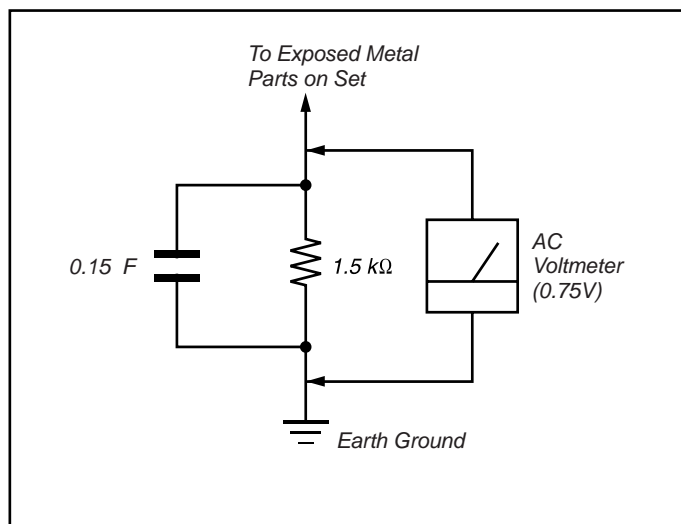


Figure A. Using an AC voltmeter to check AC leakage.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

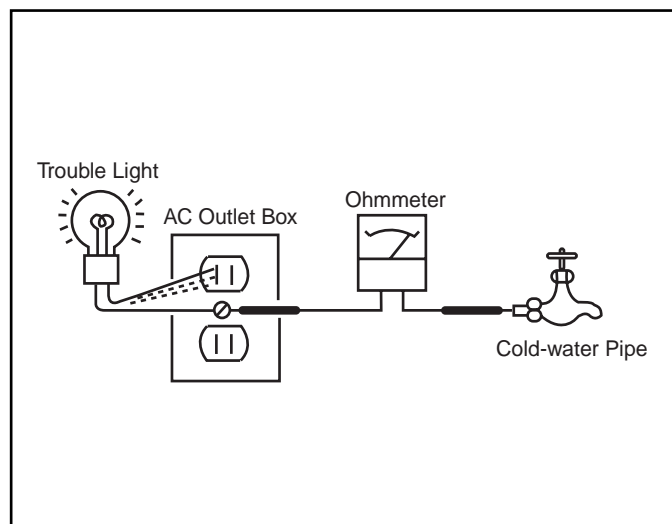


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION



The units in this manual contain a self-diagnostic function. If an error occurs, the POWER/STANDBY or LAMP LED will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER/STANDBY or LAMP LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduced use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

Diagnostic Test Indicators

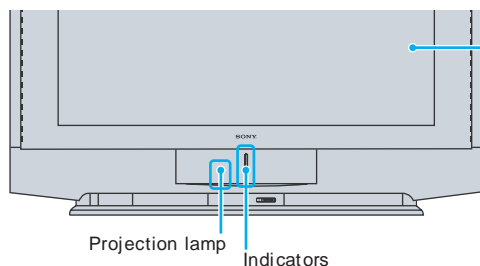
When an error occurs, the POWER/STANDBY or LAMP LED will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the LED will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

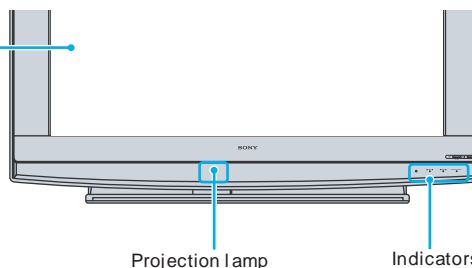
Diagnostic Item Description	Number of times STANDBY or LAMP LED lamp flashes	Probable Cause	Detected Symptoms
Lamp cover error	3 times	- Lamp cover is not fastened securely	- No picture/No sound
Fan error	4 times	- Fan1-4 Power is not supplied.(G2 board) - Fan connector is not seated securely - Fan caught wires or harnesses	- No picture/No sound
Temp error	4 times	- Internal temperature is too high - IIC-E line connector is not seated properly (WE:H3 board, WF/XS:H4 board)	- No picture/No sound
Lamp driver error	5 times	- Lamp driver defect	- No picture/No sound
Low B error	6 times	-No "DD 6V " output (G1 board)	- No picture/No sound
Audio error	7 times	- Short-circuit of Audio power supply line (KD board, G1 board) - Blowout of a fuse (F4702,F4703,F4704 on KD board) - IC failure (IC4703,IC4708,IC4710 on KD board)	- No picture/No sound
D-OVP error	8 times	- Overvoltage of +3.3V or +2.5V (A board, B board)	- No picture/No sound
ATSC-OVP error	10 times	-No "DTL MODULE 5V " output (G1 board, G2 board)	- No picture/No sound
Lamp error	LAMP-LED is ON.	- Lamp is dead	- No picture/No sound

Display of POWER/STANDBY or LAMP LED Flash Count

For K DF-WE655 series



For KDF-WF655 series



- One flash is not used for self-diagnosis

- Example

Diagnosis	Number of times LED Flash	
Lamp cover	3 times	
Fan	4 times	

LED ON : 0.3sec
LED OFF : 0.3sec
LED OFF 3.0sec

Releasing the POWER/STANDBY LED Flash

Unplug the power cord from the outlet to temporarily stop the POWER/STANDBY lamp from flashing.

Self-Diagnosis Screen Display

For failures that are difficult to reproduce, or accompany occasional power off and/or picture mute, the Self-Diagnosis screen display is useful to specify the cause..

To Bring Up Screen Test

In standby mode, press the buttons on the Remote Commander sequentially, in rapid succession, as shown below:

1. **Display** ➡ **Channel** ➡ **Sound Volume** ➡ **Power ON**

Self-Diagnostic Screen Display

SELF CHECK		
1	: LAMP ERR	0
3	: LAMP COVER	0
4	: FAN-E/TEMP-E	1
5	: LAMP DRIVER	0
6	: LowB-ERR	0
7	: Audio-Prot	1
8	: D-OVP	0
10	: ATSC_OVP	0
101	: WDT	0

"1" is displayed when a failure is detected one or more times

"0" is displayed when no failure has been detected

Since the diagnostic results displayed on the screen are not automatically cleared, always check the self-diagnostic screen during repairs. When you have completed the repairs, clear the result display to "0".

Note: The self-diagnostic function will not be able to detect any subsequent faults after completion of the repairs unless the result display is cleared to "0".

Clearing the Result Display

To clear the result display to "0", press the buttons on the Remote Commander sequentially when the diagnostic screen is displayed, as shown below:

1. If the screen is already displayed, proceed to step 3. If not, Power off (Set to Standby model).
2. Press **Display** → **Channel 5** → **Sound Volume** → **Power ON**
3. Press **Channel 8** → **ENTER**

Clearing the Self-Diagnostic Screen

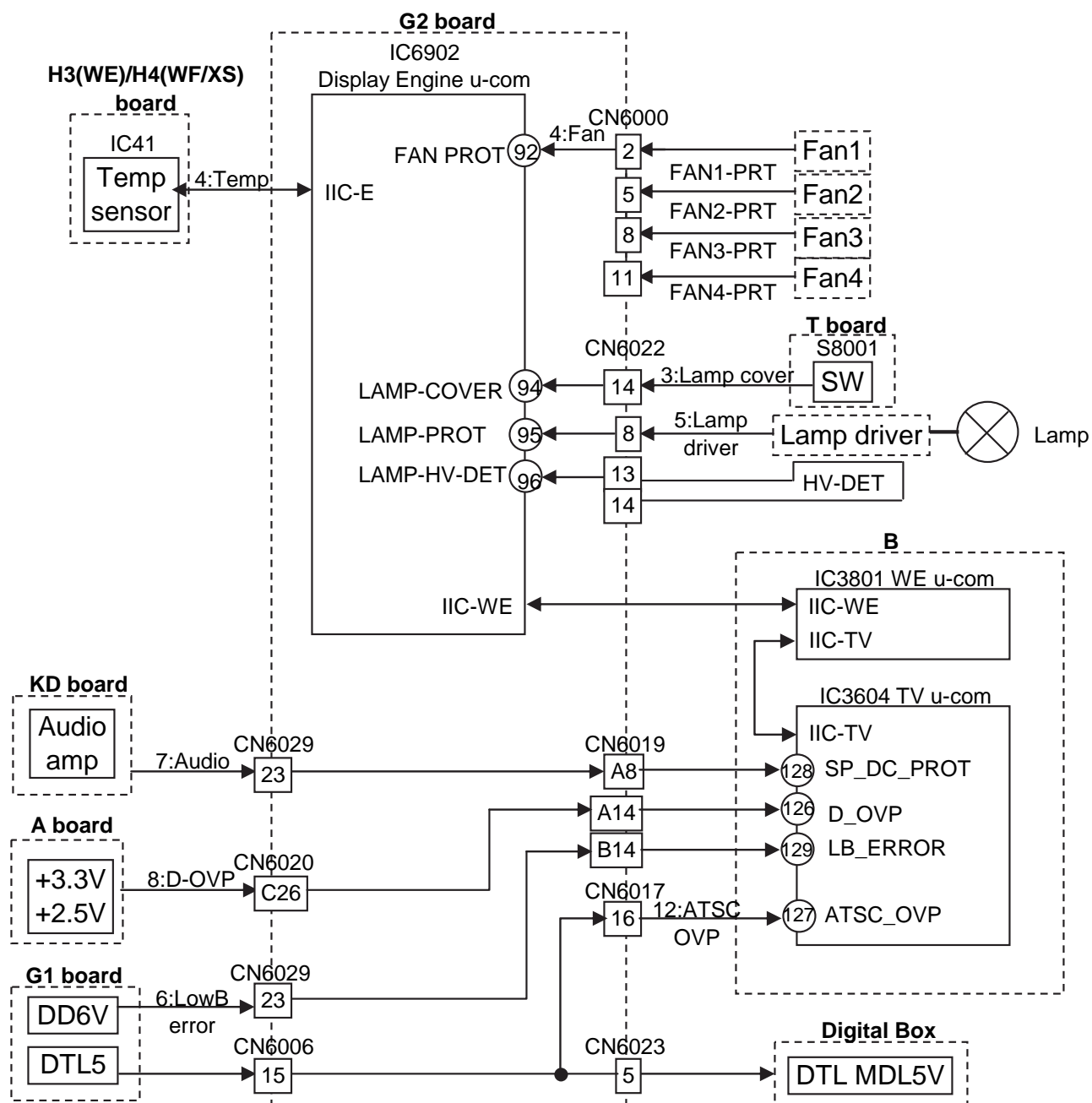
The self diagnosis screen display is cleared by turning off the set using the Remote Commander or the power switch.

Self-Diagnostic Circuit

Self-Diagnosis Function Operation

3	: Lamp cover	The rib at the back of the lamp cover closes the SW on the T board to ground pin 3 of CN8001. It is monitored by the DE-micro (pin 94 of IC6902) and turns off the lamp when it is opened.
4	: Fan	Fan rotation is detected by "FAN-PROT" and the DE-micro (pin 92 of IC6902) turns off the lamp when it is "high".
4	: Temp	When the temperature sensor on the H3 board (WE models) or H4 board (WF/XS models) detects high temperature, or IIC-E line connector (CN6022:G2 board, CN44:H3board/H4board) is not seated securely, the DE-micro turns off the lamp.
5	: Lamp driver	When the "LAMP-PROT" (pin 95) is low, the lamp is not turned on. If the "LAMP-HV-DET" (pin 96) is low at the same time, it is classified as no high voltage of the lamp driver.
6	: Low B error	When no "DD 6V " is detected, pin 129 of TV-micro is low and it turns off the main power.
7	: Audio	When DC voltage is detected at the speaker or woofer outputs, pin 128 of TV-micro is low and it turns off the main power.
8	: D-OVP	When overvoltage of "+3.3V" or "+2.5V" is detected, pin 126 of TV-micro is low and it turns off the main power.
10	: ATSC-OVP	When no "Digital Module 5V" is detected, pin 127 of TV-micro is low and it turns off the main power.
LAMP	: Lamp	When the "LAMP-PROT" (pin 95) is low, the lamp is not turned on. If the "LAMP-HV-DET" (pin96) is high at the same time, it is classified as no lamp or a dead lamp.

Self-Diagnosis Block Diagram



Reading Lamp and Panel time

Use the following to determine the lamp and panel time of a set.

Screen Display Method

In standby mode, press the buttons on the Remote Commander sequentially, in rapid succession, as shown below:

1. Press **Display** → Channel **5** → Sound Volume **+** → Power ON
2. To enter the DE-micro service menu, press **Jump** 3 times.
3. To display the Lamp time, press Channel **2** 9 times.

example

PANEL	NVM OK	9	OPTION_E
0 LAMP	0	Diff	1
LampTM	14	LampCT	71

The screen displays:

"Total lamp time is 14 hours" and "Total lamp ON/OFF cycle is 71 times"

To reset the lamp time press Channel **3** → **Mute** → **Enter**.

WRI-EXE(Character color is Red) is momentarily displayed and LampTM is reset to "0".

4. To display the Panel time, press Channel **1** 7 times

example

PANEL	NVM OK	9	OPTION_E
7 SH SFT1	10	Diff	1
PanelTM	14h		

The screen displays:

"Total Panel time is 14 hours"

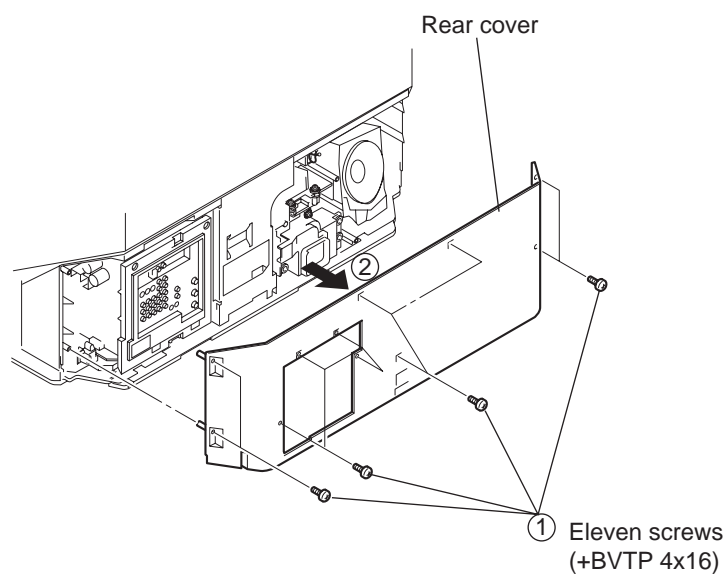
NOTE: You cannot reset the Panel time with the Service menu.

Exiting Service Mode

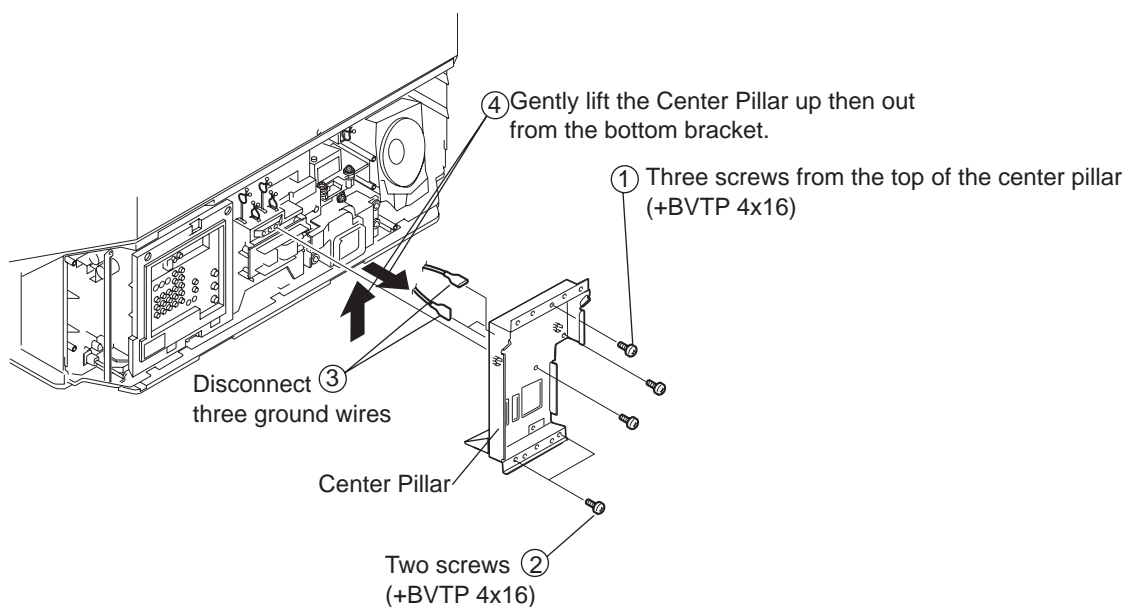
After completing the changes exit service mode by turning off the set using the Remote Commander or the power switch.

SECTION 1: DISASSEMBLY

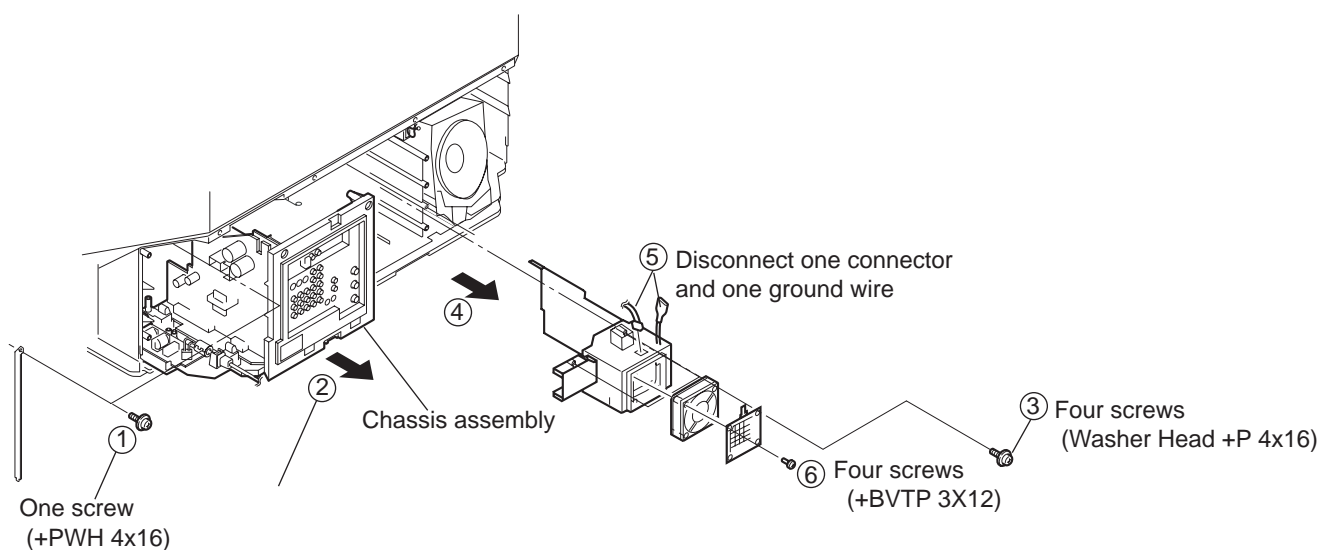
1-1. REAR COVER REMOVAL



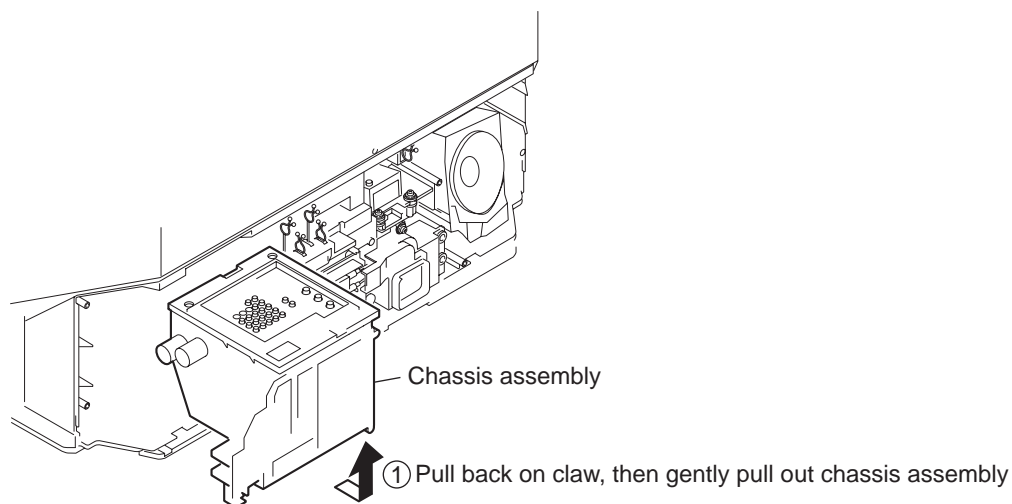
1-2. CENTER PILLAR REMOVAL



1-3. CHASSIS ASSEMBLY AND FAN REMOVAL

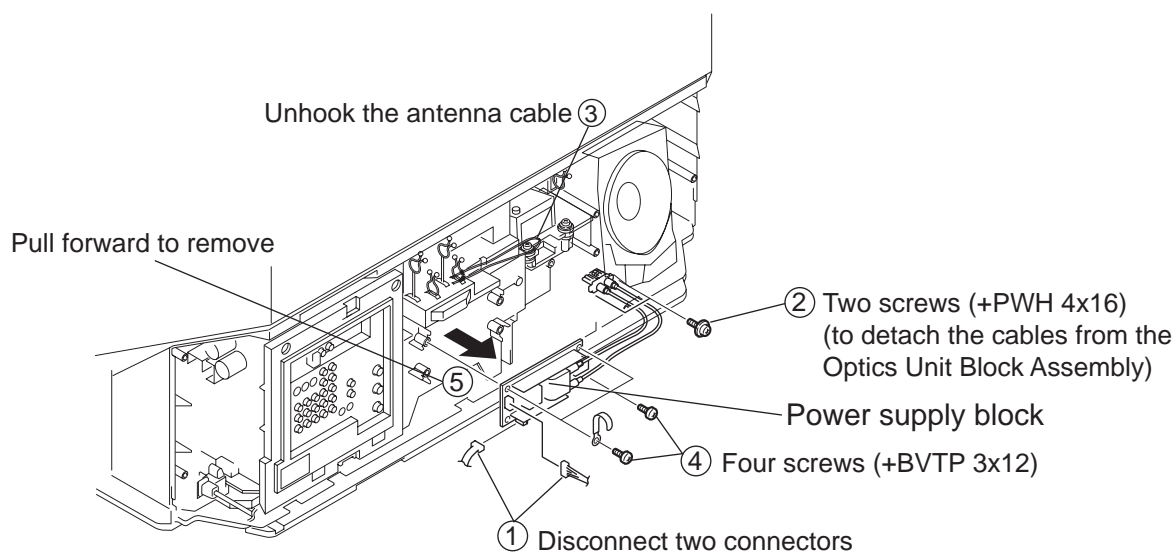


1-4. SERVICE POSITION

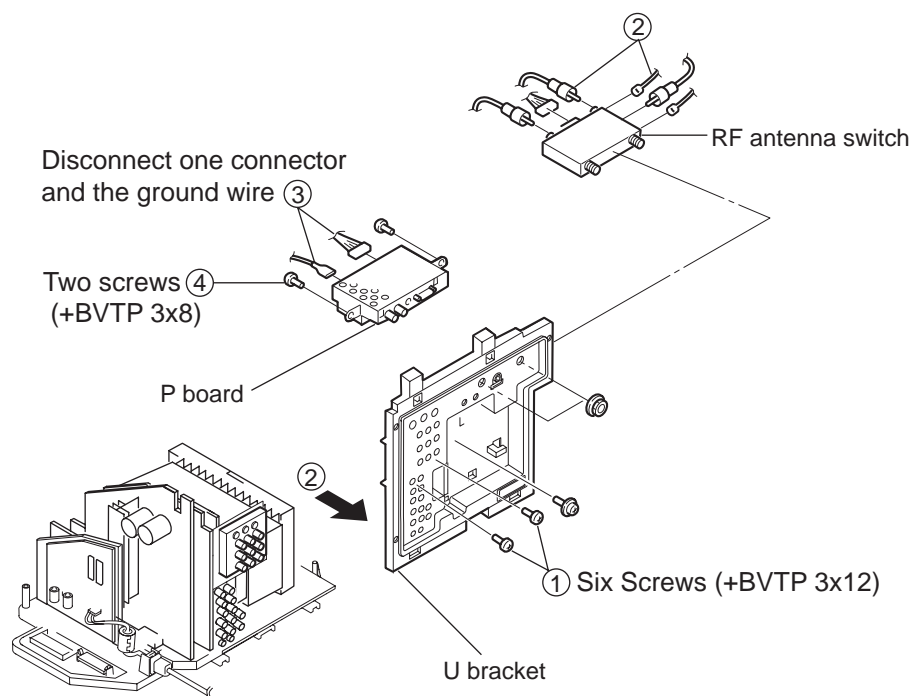


1-5. POWER SUPPLY BLOCK REMOVAL (LAMP DRIVE UNIT)

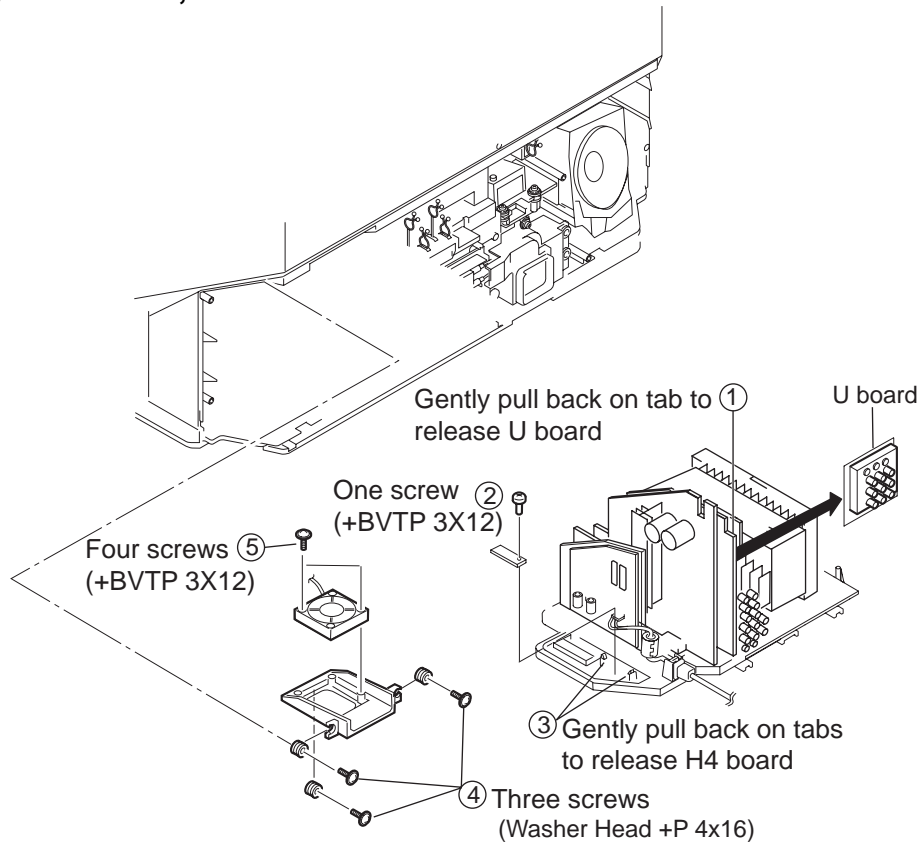
CAUTION: When removing the Power Supply Block be careful not to move the Optical Unit Block



1-6. RF ANTENNA SWITCH AND P BOARD REMOVAL

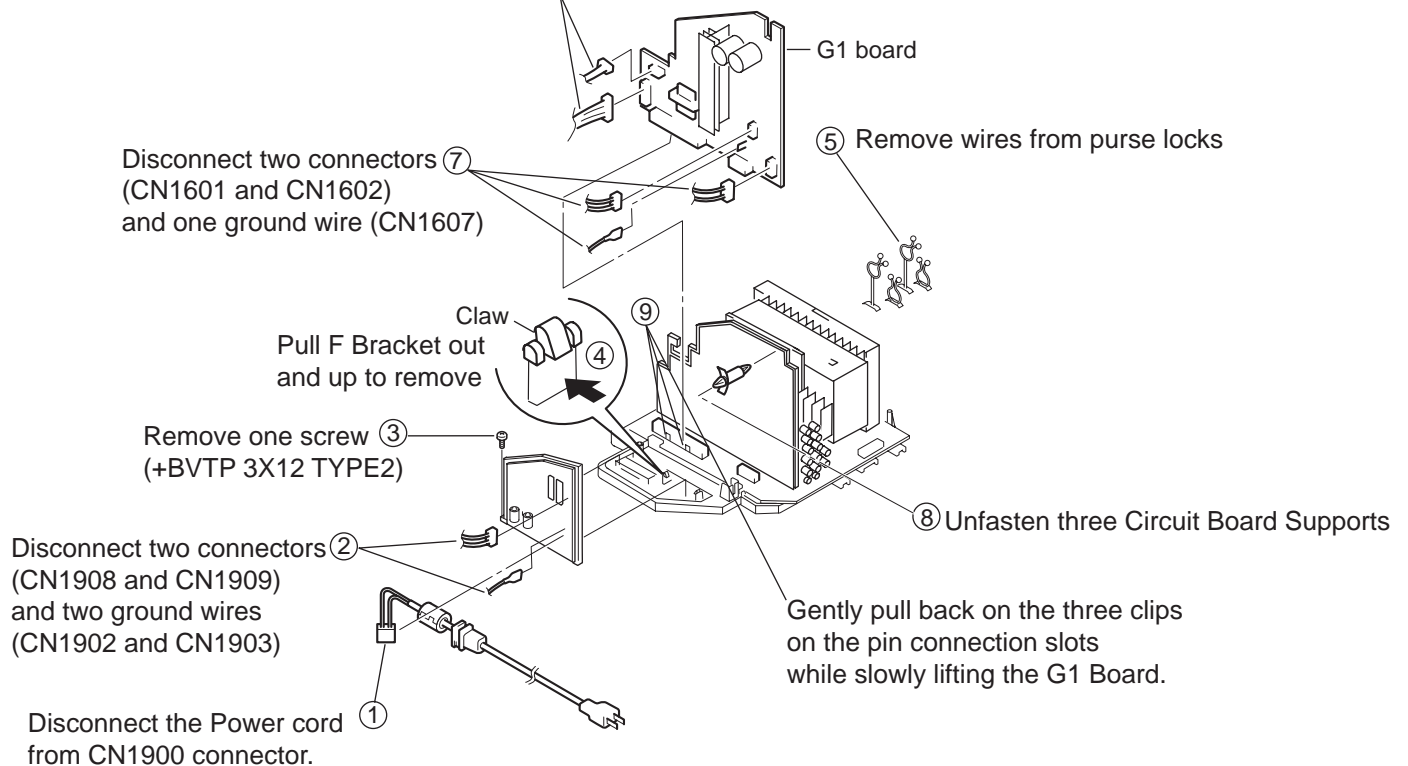


1-7. U BOARD, H4 BOARD, AND FAN REMOVAL

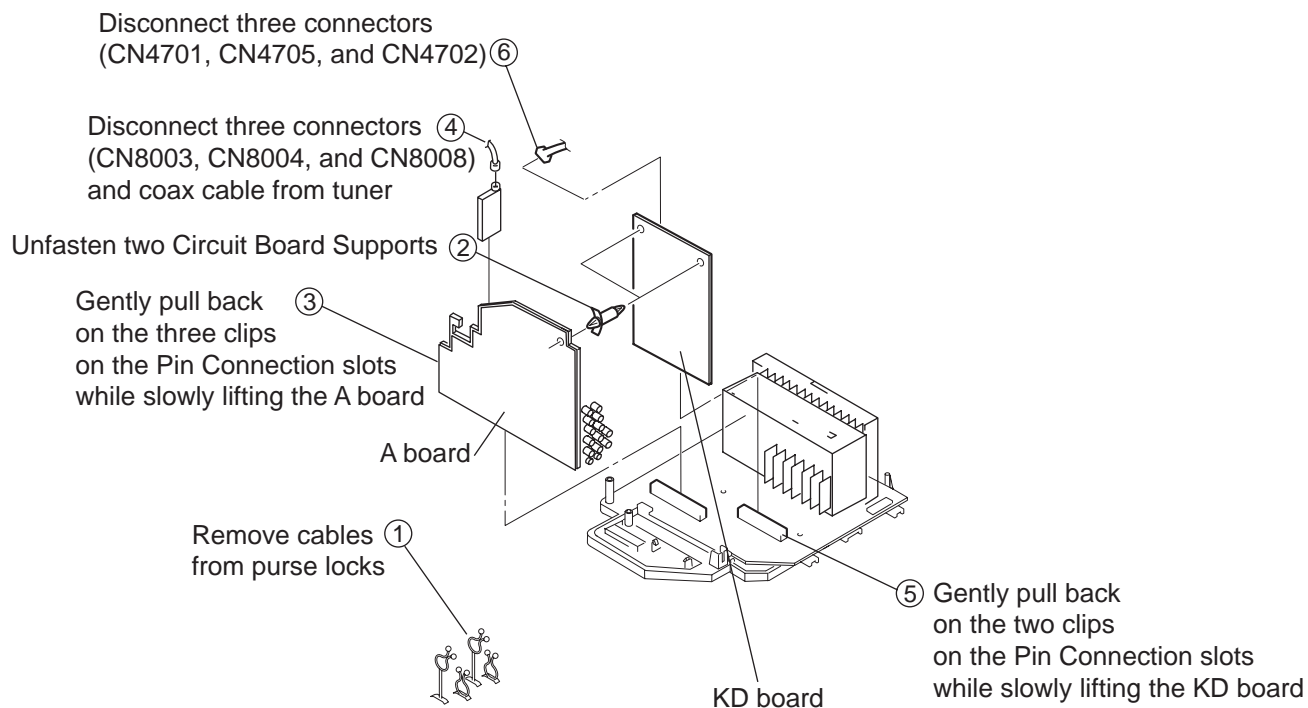


1-8. F BOARD AND G1 BOARD REMOVAL

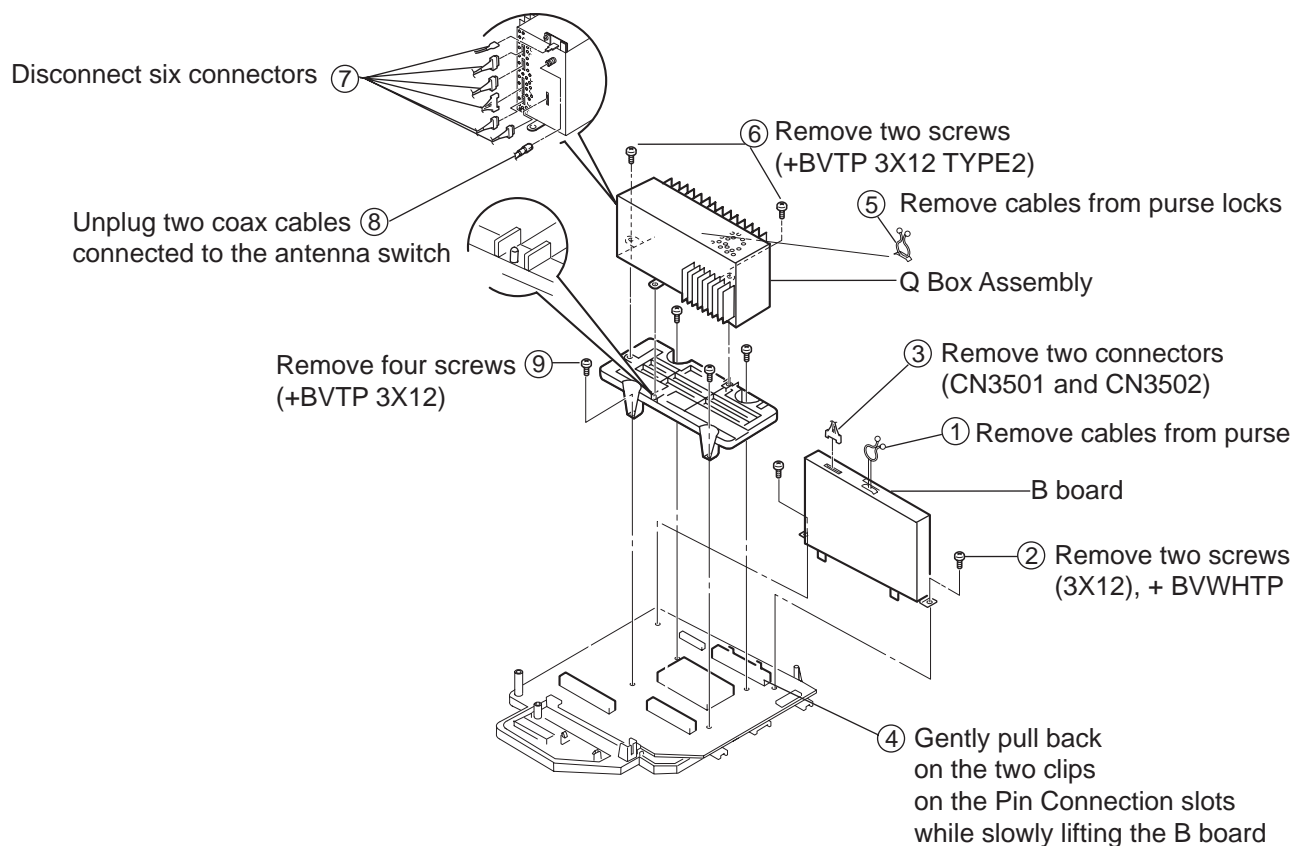
Disconnect two connectors (CN1603 & CN1604) (6)



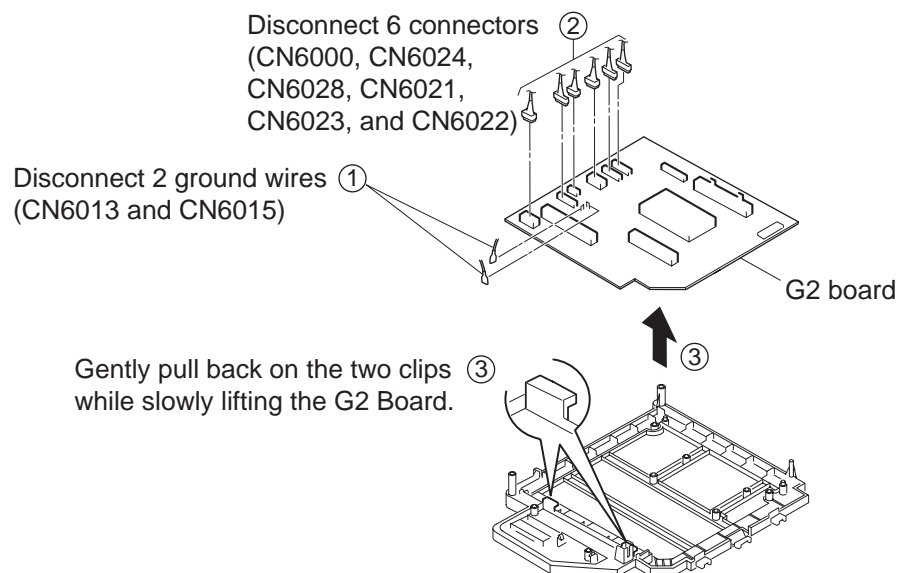
1-9. A BOARD AND KD BOARD REMOVAL



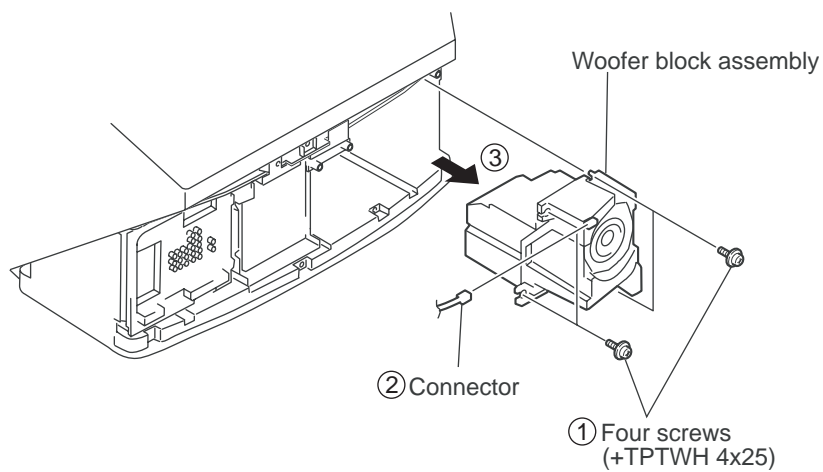
1-10. Q BOX ASSEMBLY AND B BOARD REMOVAL



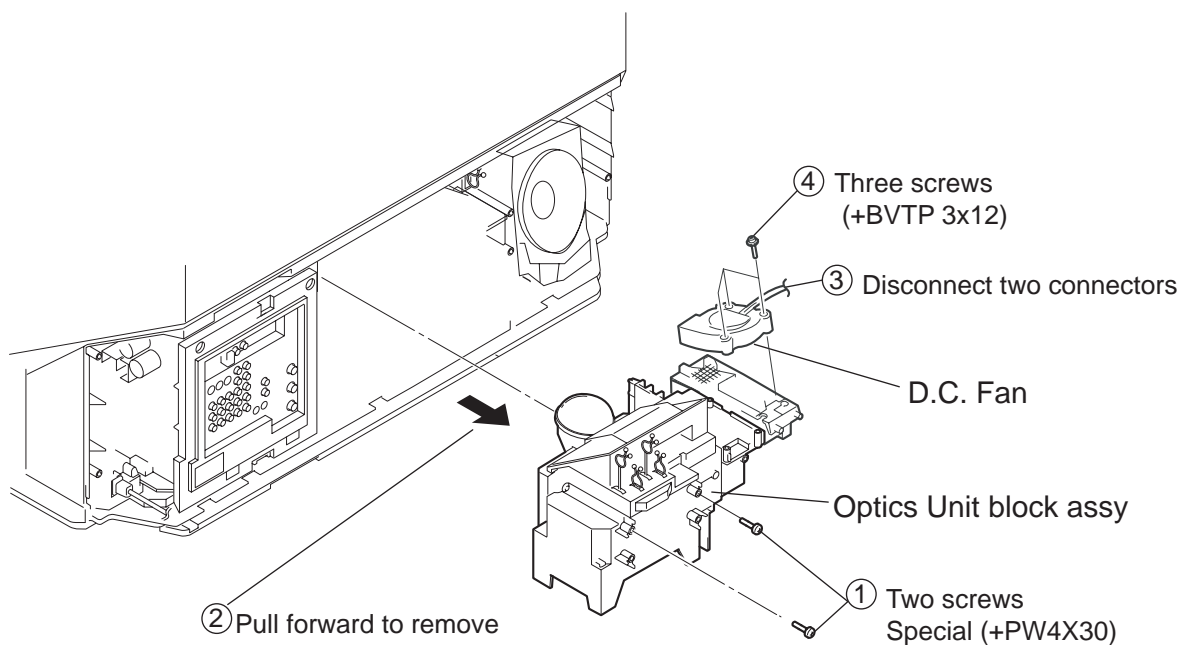
1-11. G2 BOARD REMOVAL



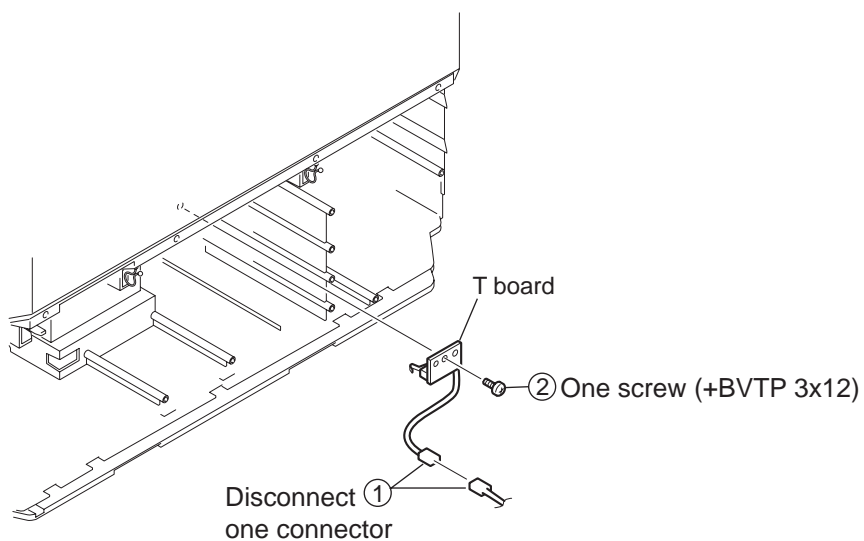
1-12. WOOFER REMOVAL



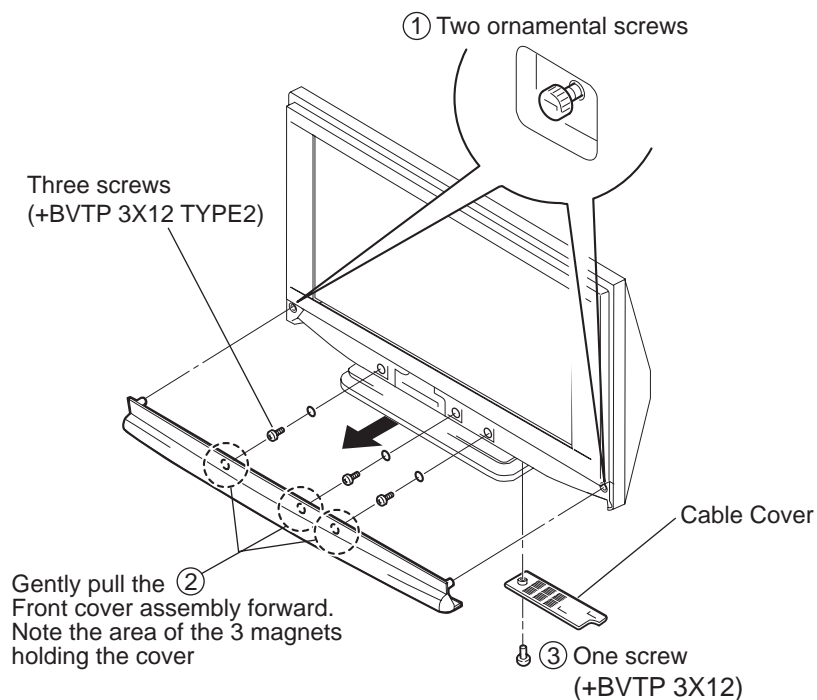
1-13. OPTICS UNIT BLOCK ASSEMBLY AND D.C. FAN REMOVAL



1-14. T BOARD REMOVAL



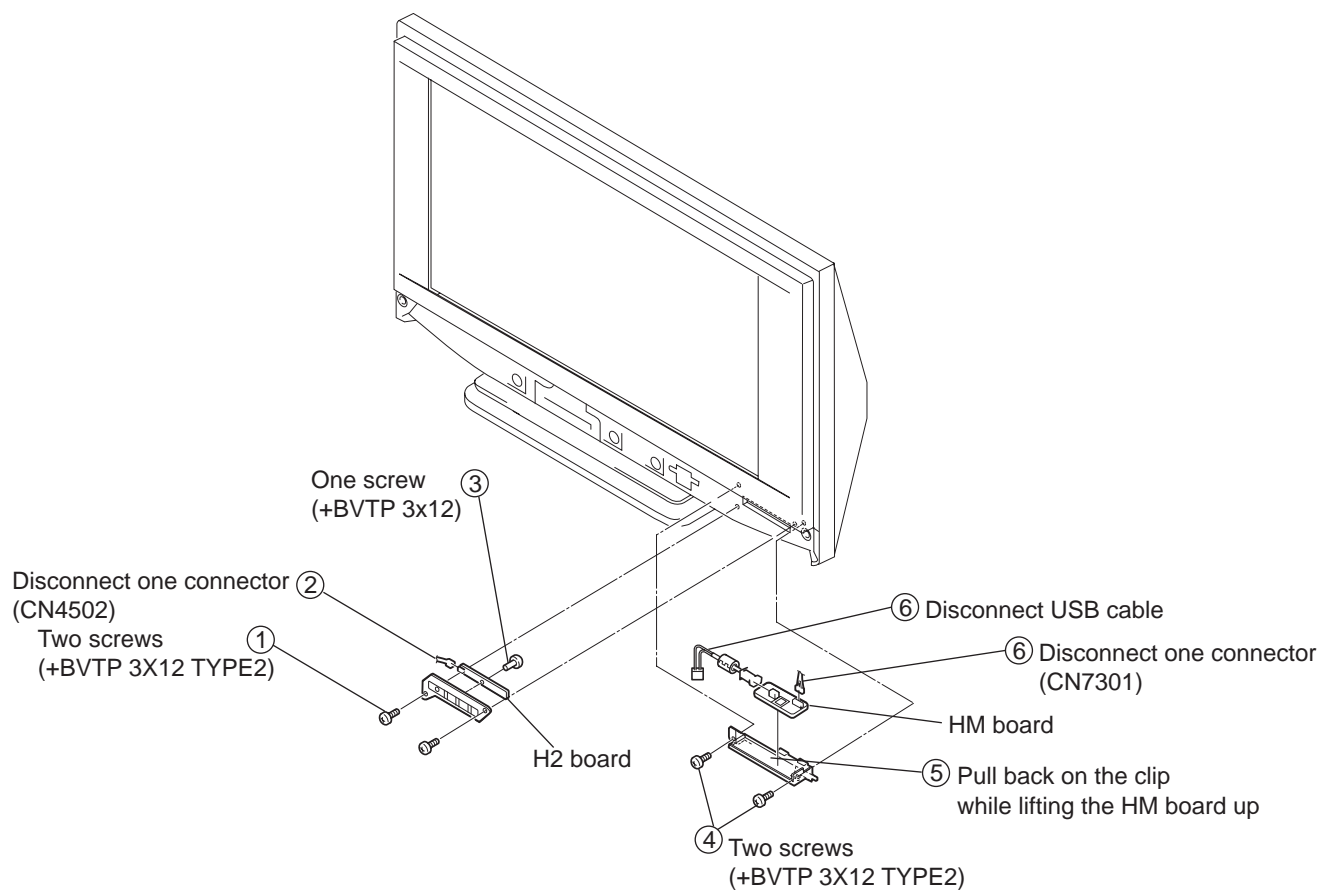
1-15. FRONT COVER ASSEMBLY REMOVAL



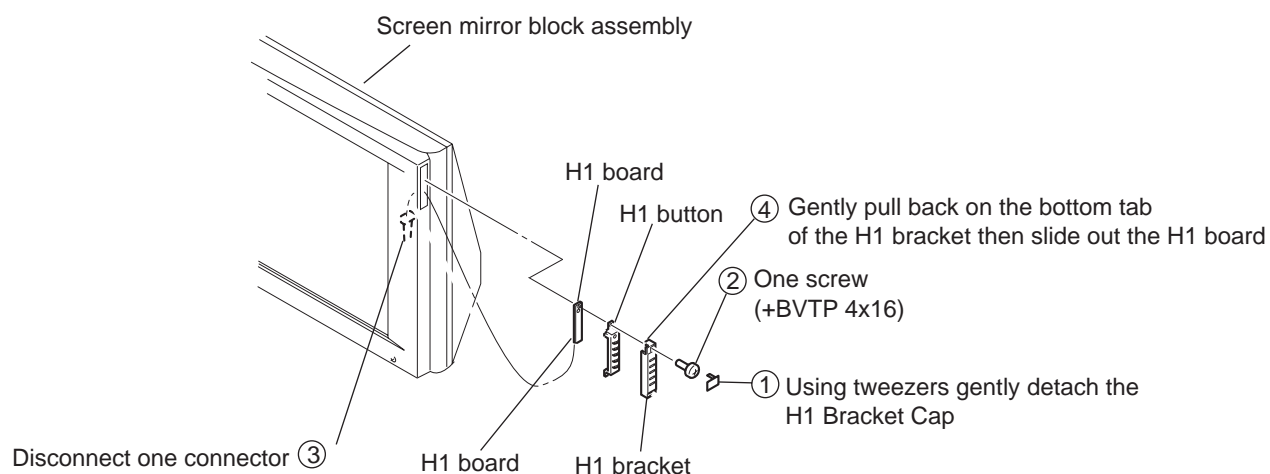
1-15-1.REPLACING THE LAMP

For detailed instructions on replacing the lamp, see
Page 16 of the Operating Instructions manual.

1-16. HM BOARD AND H2 BOARD REMOVAL



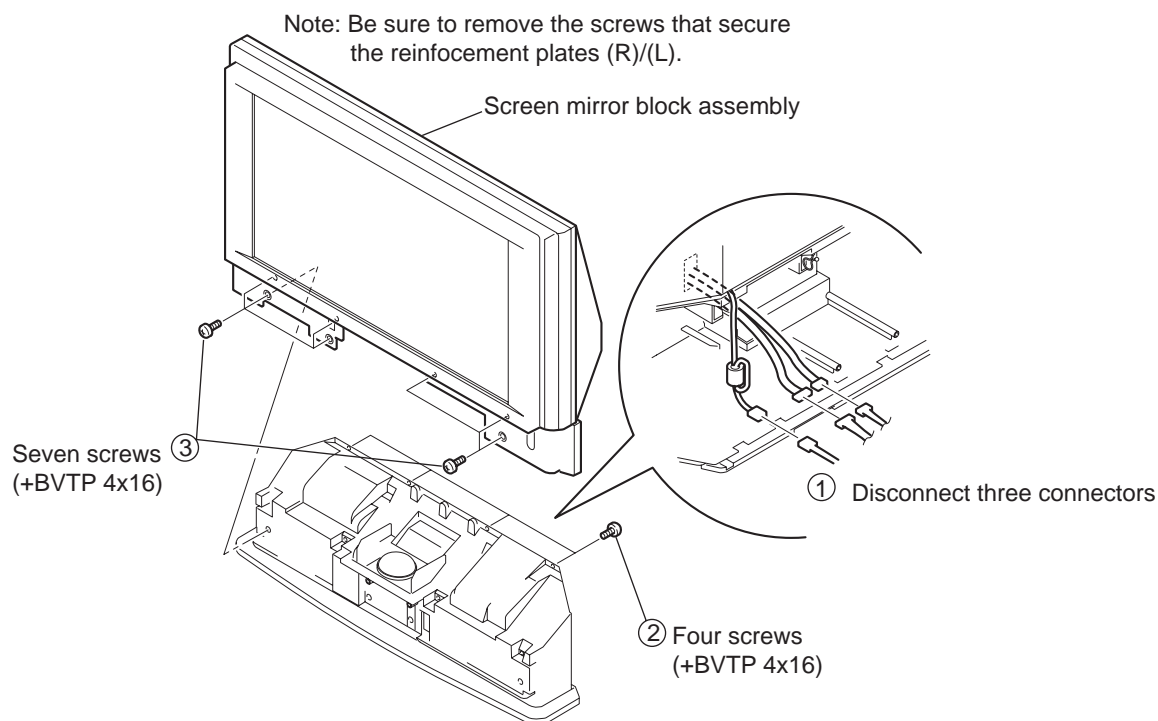
1-17. H1 BOARD REMOVAL



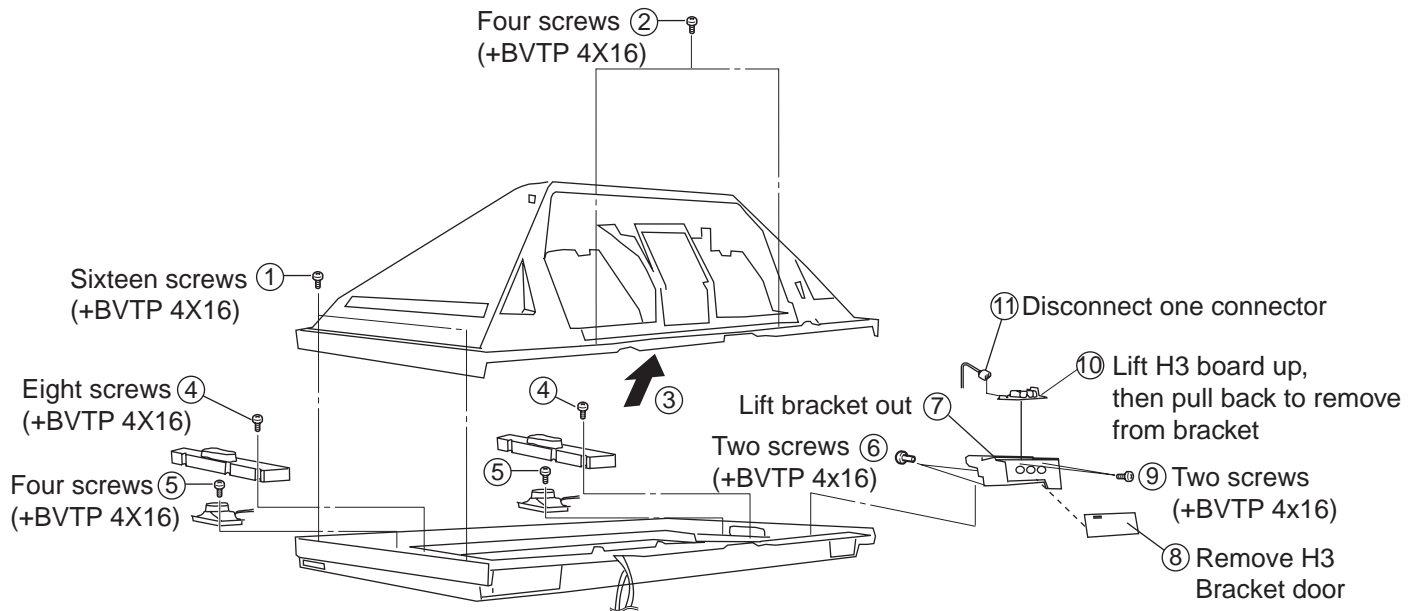
1-18. SCREEN MIRROR BLOCK ASSEMBLY REMOVAL

Caution:

When repairing anything inside the Screen Mirror Block Assembly be sure to clean the mirror and Diffusion Plate to remove any dust particles.

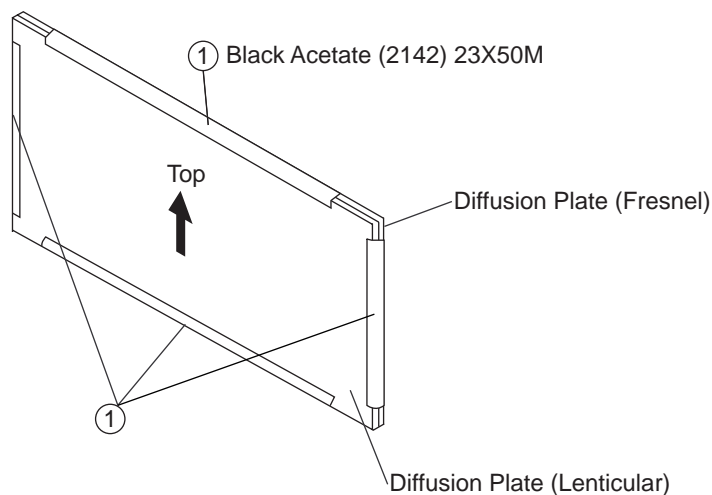


1-19. MIRROR COVER ASSEMBLY, H3 BOARD, AND SPEAKER REMOVAL

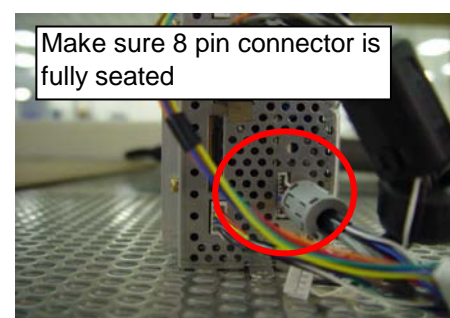
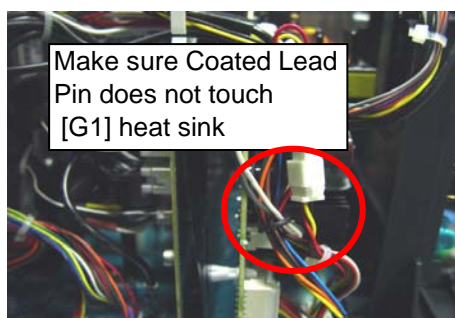
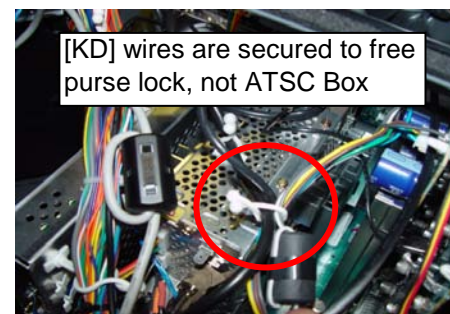
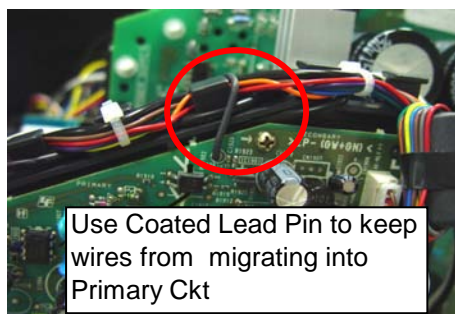
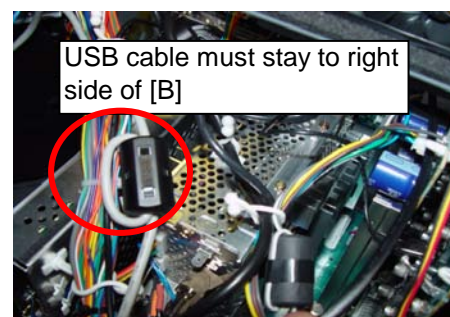
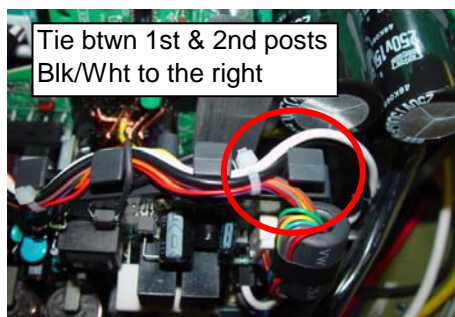


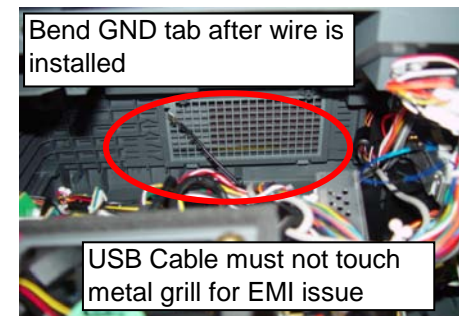
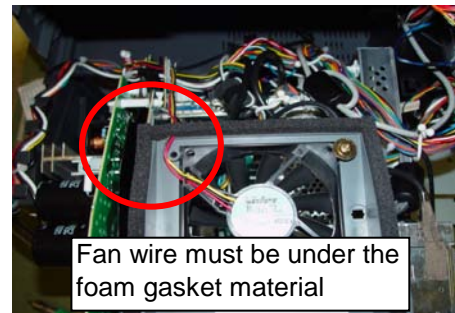
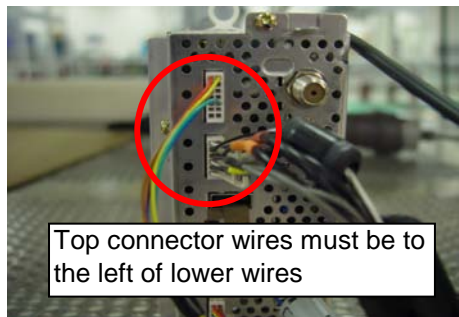
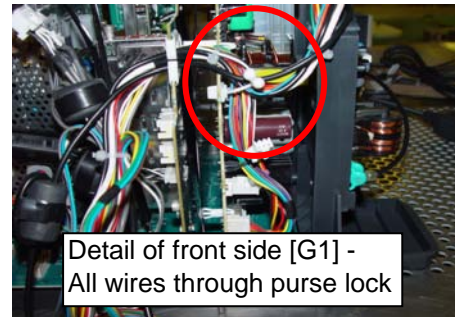
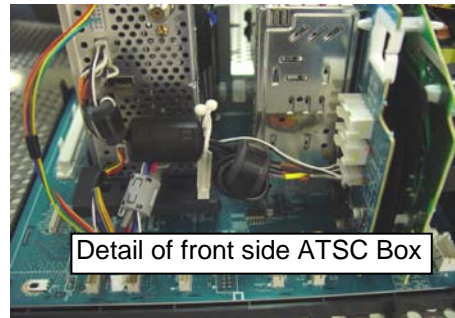
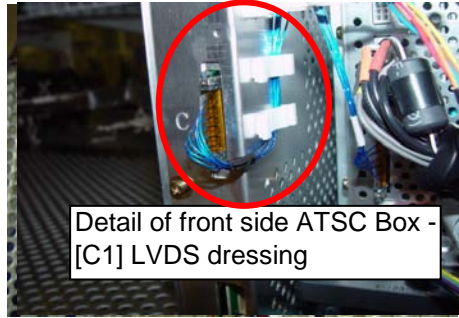
1-19-1.DIFFUSION PLATES (SCREENS) TAPE METHOD

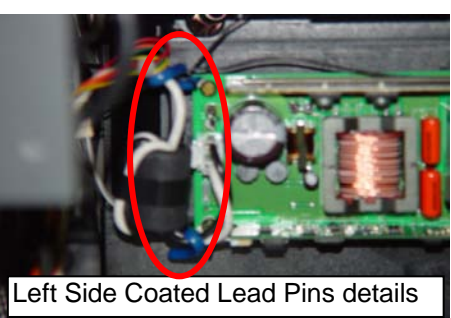
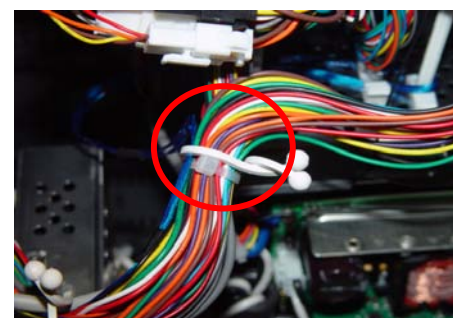
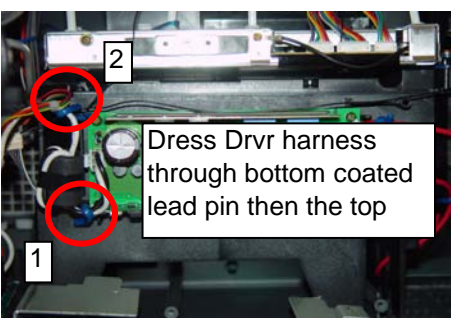
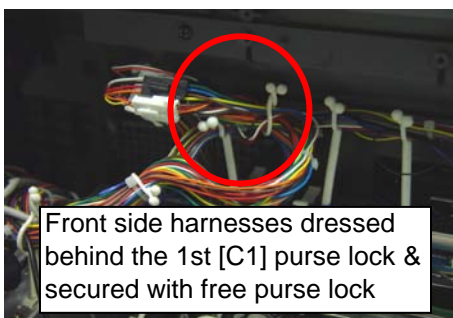
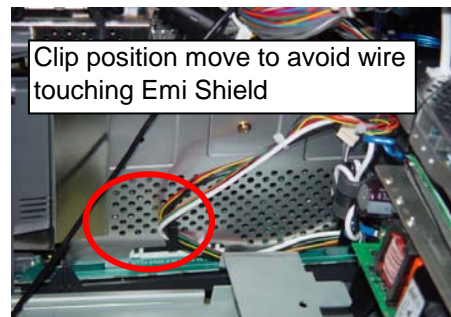
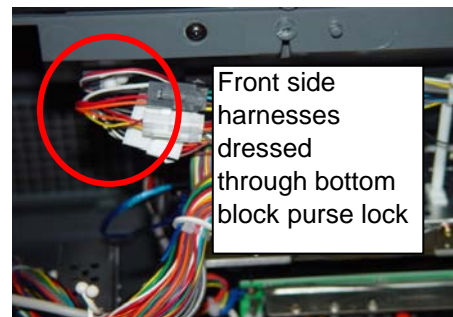
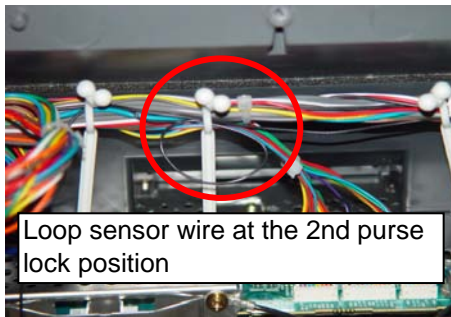
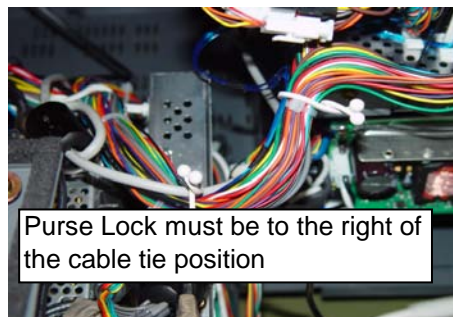
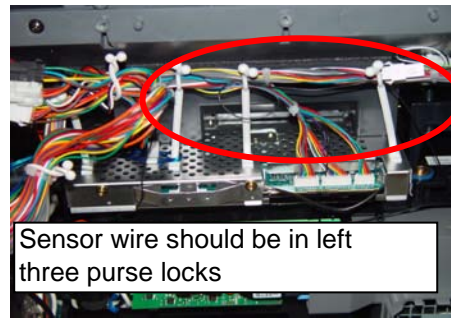
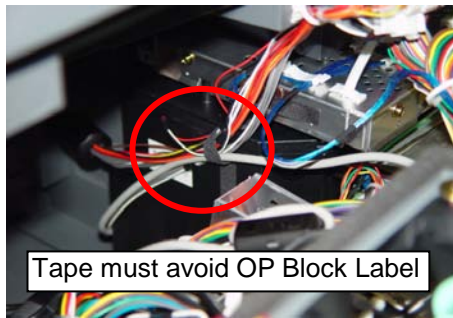
The following diagram illustrates the taping method when replacing the Diffusion Plates.
For Part Numbers refer to section 6-1. Cover.

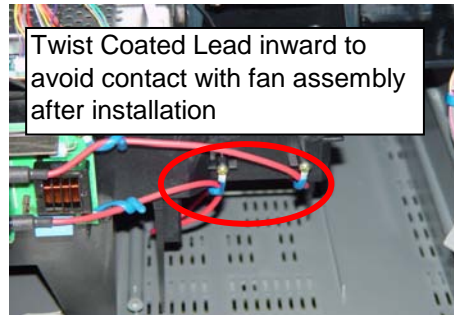
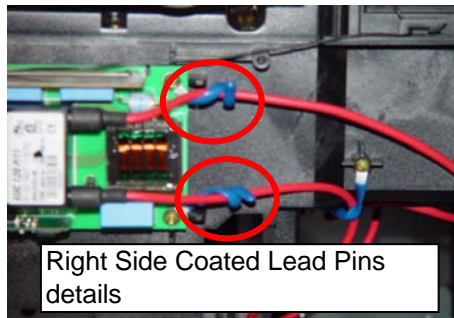


WIRE DRESSING







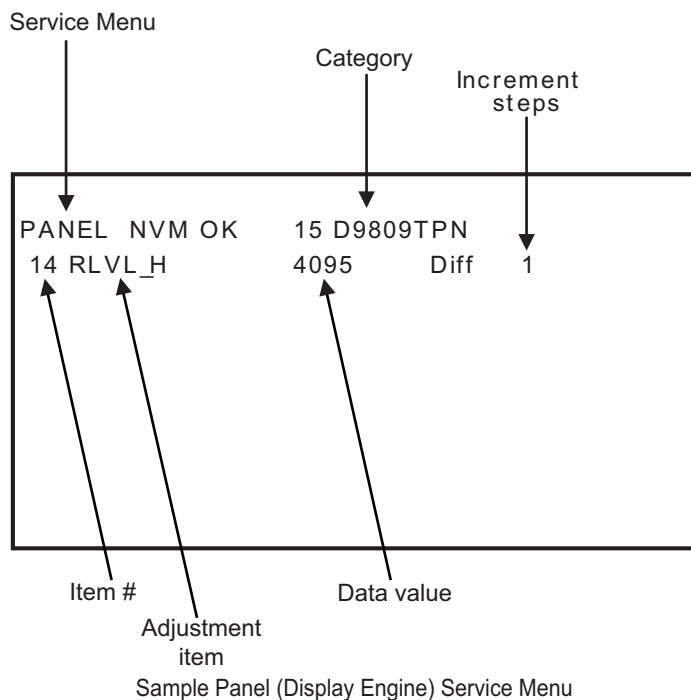


SECTION 2: CIRCUIT ADJUSTMENTS

2-1. SETTING THE SERVICE ADJUSTMENT MODE

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus.

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
[DISPLAY] → Channel [5] → Volume [+] → [POWER].
 The first service menu (TV) displays.
3. To display the service menu that contains the category you want to adjust, press **[JUMP]** on the Remote Commander. (Refer to Service Menus)



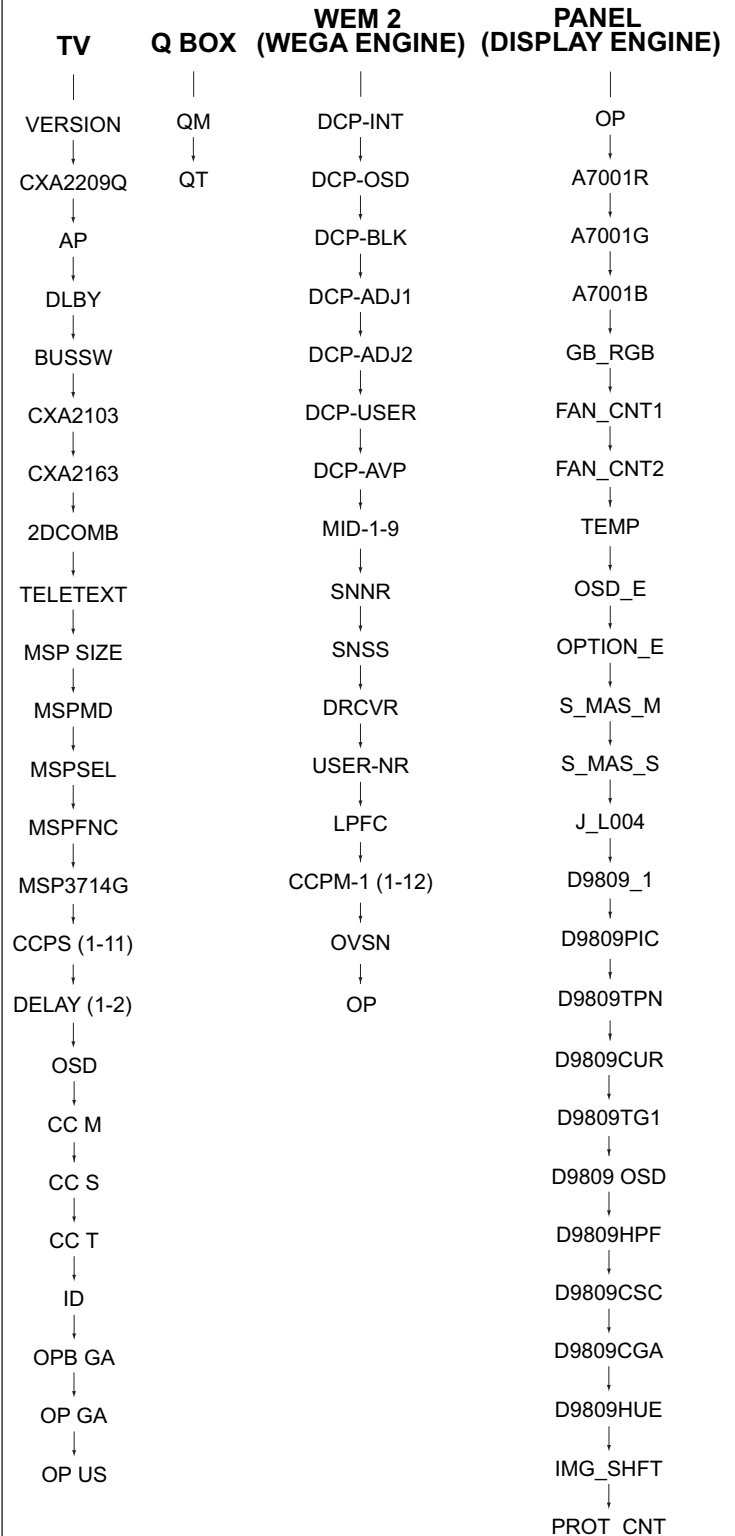
2-2. SERVICE ADJUSTMENT MODE MEMORY

The screen displays the first category in the selected service menu.

4. To change the **category**, press **[2]** or **[5]** on the Remote Commander.
Note: Pressing **[2]** or **[5]** only changes the categories within the service menu displayed. To change a category on one of the other service menus, press the **[JUMP]** button until the correct service menu is displayed.
5. To change the **adjustment item**, press **[1]** or **[4]** on the Remote Commander.
6. To change the **data value**, press **[3]** or **[6]** on the Remote Commander.
Note: To go back to the last saved data value, press **[0]** then **[ENTER]** on the Remote Commander to read the memory.
7. To write into memory, press **[MUTING]** then **[ENTER]** on the Remote Commander.
8. To exit service mode, turn the power off.

SERVICE MENUS

(CATEGORIES ONLY)



2-3. MEMORY WRITE CONFIRMATION METHOD

1. After completing all adjustments turn the set off with the Remote Commander and **WAIT** for the fans to turn off before proceeding to the next step.

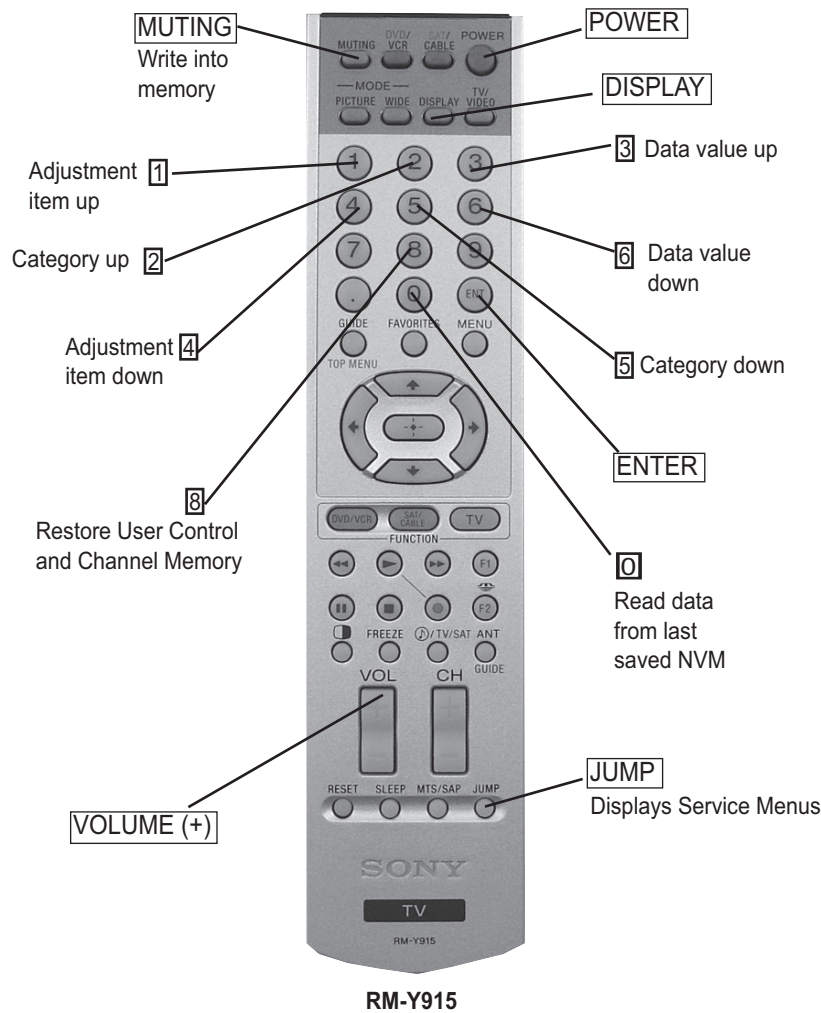
Note: It may take up to two minutes for the fans to stop.

Caution: To avoid over heating the lamp, do not unplug the set until the fans have stopped.

2. After the fans have stopped, unplug the set from the AC outlet, then plug the set back in the AC outlet.
3. To verify the changes repeat steps 2 through 5 from sections 2-1. Setting the Service Adjustment Mode and 2-2. Service Adjustment Mode Memory.
4. To exit service mode, turn the power off.

Note: To restore the User Controls and Channel Memory settings to the preset factory conditions, put the set into service mode (step 2 from 2-1. Setting the Service Adjustment Mode), then press [8] then [ENTER] on the Remote Commander. The set will restart and display the initial setup screen.

2-4. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



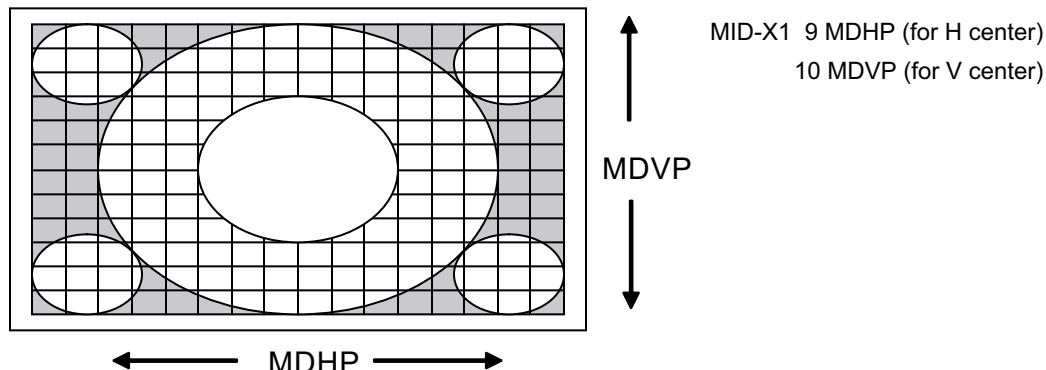
2-5. H/V CENTER CONFIRMATION AND ADJUSTMENTS

Please check the picture horizontal/vertical center after the replacement of the Optics Unit Block Assembly or any part of the Top assembly.

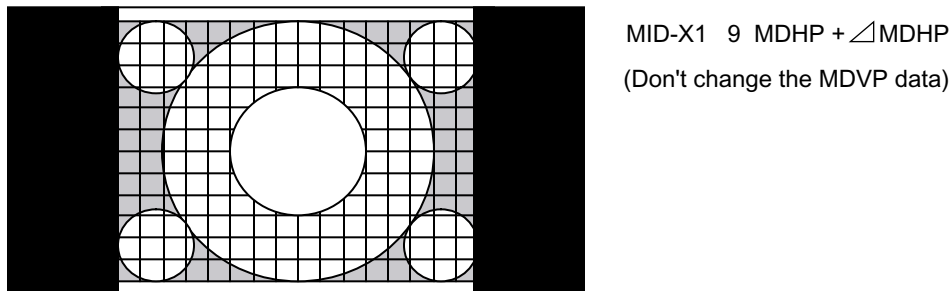
1. Check the H/V center with 480i monoscope signal in "Full" mode.

2. If the center is shifted, adjust using the following service items:

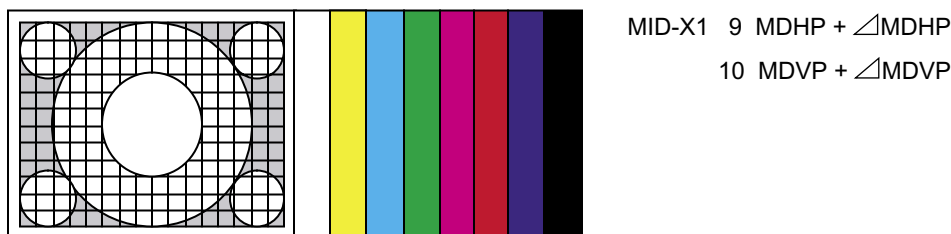
NOTE: Please record the steps shifted as \triangle MDHP and \triangle MDVP.



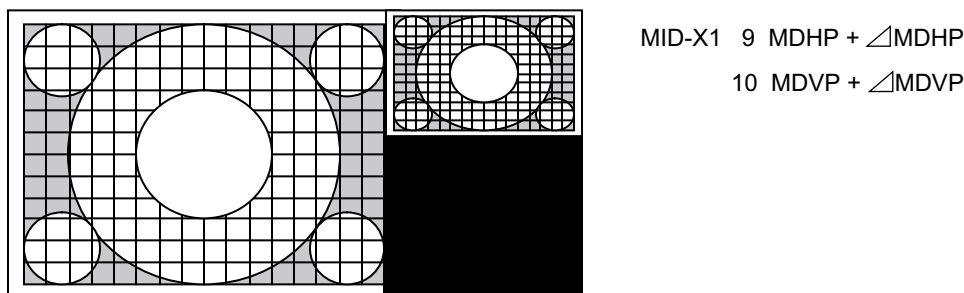
3. Change the WIDE mode to "Normal" and change the register data as follows:



4. Display the Twin Picture with the "split" button of the remote commander and change the registers data as follows:



5. Press "Favorites" button and change the registers data as follows:



6. OSD horizontal position must be adjusted as follows:

If above sum exceeds 255, set 1 to "16 RP1H" and set the "sum-256" to "17 RP1L".

Since the registers are different from other cases, be careful to follow complete instructions, and write the data before changing the display/wide mode.

2-6. SERVICE DATA

Only the Adjustable registers are shown in this data list.

A complete set of the service data, Fixed and Adjustable, can be downloaded at:

http://www-ec.sdp.sel.sony.com/padics/Model_Data_List.htm

Only Sony authorized Service Technician can access this site. To request a complete list of the service data in PDF format please contact the Service Promotion Department at Service_Promotion@am.sony.com.

TV SERVICE DATA

CATEGORY	#	ITEM	DESCRIPTION	CONDITION	SERVICE DATA (dec)				
					55WF655	60WF655		MIN	MAX
CXA2103	4	SCON		RF	8	8		0	15
				CV	8	8		0	15
				YC	8	8		0	15
	5	SCOL		RF	3	3		0	15
				CV	3	3		0	15
				YC	3	3		0	15
	6	SHUE		RF	10	10		0	15
				CV	3	3		0	15
				YC	3	3		0	15

WEGA ENGINE SERVICE DATA

CATEGORY	#	ITEM	DESCRIPTION	CONDITION	SERVICE DATA (dec)				
					55WF655	60WF655		MIN	MAX
DCP_OSD	16	RP1H			0	0		0	15
	17	RP1L			251	251		0	255
DCP_ADJ1	2	SCON		Component-480i	185	185		0	255
				Component-480p	192	192		0	255
				Component-1080i	193	193		0	255
				Component-720p	194	194		0	255
				ATSC-480i	178	178		0	255
				ATSC-480p	182	182		0	255
				ATSC-1080i	183	183		0	255
				ATSC-720p	182	182		0	255
				ATSC-TEXT	183	183		0	255
				HDMI-480i	185	185		0	255
				HDMI-480p	192	192		0	255
				HDMI-1080i	193	193		0	255
				HDMI-720p	194	194		0	255
				HDMI(VGA etc)	192	192		0	255
				MemoryStick(MPEG1)	183	183		0	255
				MemoryStick(MPEG2)	183	183		0	255
				MemoryStick(PHOTO)	183	183		0	255

WEGA ENGINE SERVICE DATA

CATEGORY	#	ITEM	DESCRIPTION	CONDITION	SERVICE DATA (dec)				
					55WF655	60WF655		MIN	MAX
DCP_ADJ1	11	SCOL		Component-480i	200	200		0	255
				Component-480p	201	201		0	255
				Component-1080i	213	213		0	255
				Component-720p	213	213		0	255
				ATSC-480i	180	180		0	255
				ATSC-480p	179	179		0	255
				ATSC-1080i	178	178		0	255
				ATSC-720p	189	189		0	255
				ATSC-TEXT	190	190		0	255
				HDMI-480i	200	200		0	255
				HDMI-480p	201	201		0	255
				HDMI-1080i	213	213		0	255
				HDMI-720p	213	213		0	255
				HDMI(VGA etc)	201	201		0	255
				MemoryStick(MPEG1)	190	190		0	255
				MemoryStick(MPEG2)	190	190		0	255
				MemoryStick(PHOTO)	190	190		0	255
MID_1	9	MDHP		Panel-0:Normal(SidePanel)	100	100		0	255
				Panel-0:Window SidePanel	255	255		0	255
				Panel-0:Twin(Center)	16	16		0	255
				Panel-0:Favorite	20	20		0	255
				Panel-0:Other	10	10		0	255
CCPM_1	20	CVYL		Single:UV	183	183		0	255
				Single:Video	193	193		0	255
				UV(Twin/Favorite/Index)	171	171		0	255
				Video(Twin/Favorite/Index)	171	171		0	255
	21	CVCL		Single:UV	128	128		0	255
				Single:Video	133	133		0	255
				UV(Twin/Favorite/Index)	136	136		0	255
				Video(Twin/Favorite/Index)	136	136		0	255
	26	SHUE		Single:UV	32	32		0	63
				UV(Twin/Favorite/Index)	32	32		0	63

LCD ENGINE SERVICE DATA

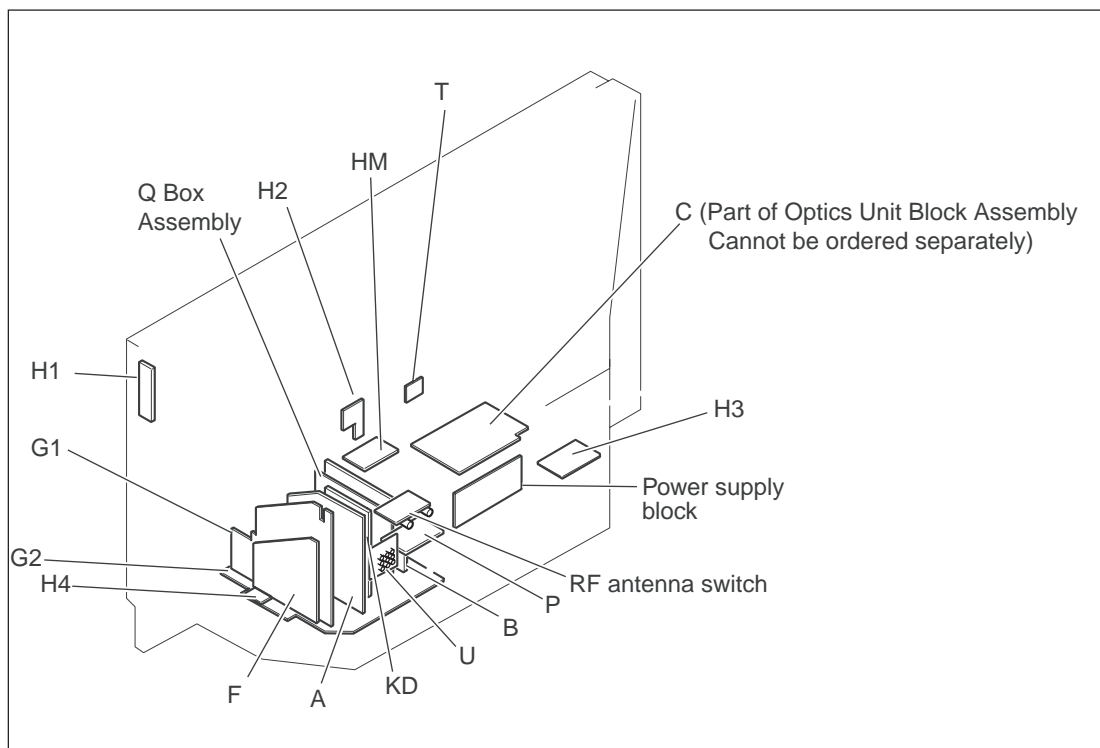
CATEGORY	#	ITEM	DESCRIPTION	CONDITION	SERVICE DATA (dec)				
					55WF655	60WF655		MIN	MAX
A7001R	0	RGAINA			204	204		0	255
	1	RGAINB			32	32		0	63
	2	ROFSETA			165	165		0	255
	3	ROFSETB			32	32		0	63
	6	RVCOM			47	47		0	63
	7	RSIDLVL			8	8		0	15
A7001G	0	GGAINA			190	190		0	255
	1	GGAINB			32	32		0	63
	2	GOFSETA			146	146		0	255
	3	GOFSETB			32	32		0	63
	6	GVCOM			46	46		0	63
	7	GSIDLVL			8	8		0	15
A7001B	0	BGAINA			179	179		0	255
	1	BGAINB			32	32		0	63
	2	BOFSETA			125	125		0	255
	3	BOFSETB			32	32		0	63
	6	BVCOM			42	42		0	63
	7	BSIDLVL			8	8		0	15
D9809PIC	0	CNTRAST			165	165		0	255
	1	SCON			32	32		0	127
	2	BRT			220	220		0	255
	3	SBRT			192	192		0	255
	4	RGAIN			128	128		0	255
	5	GGAIN			128	128		0	255
	6	BGAIN			128	128		0	255
	7	RBIAS			0	0		0	255
	8	GBIAS			0	0		0	255
	9	BBIAS			0	0		0	255
	10	USC_ON			1	1		0	1
	11	BLK_LEF		pawn_pic3_normal	0	0		0	2047
				pawn_pic3_wide	0	0		0	2047
	12	BLK_RGT		pawn_pic3_normal	0	0		0	2047
				pawn_pic3_wide	0	0		0	2047
	13	BLK_TOP			0	0		0	2047
	14	BLK_BTM			0	0		0	2047
	15	BLK_LVL			0	0		0	63
	16	INBLKON			0	0		0	1
	17	OBLK_ON			0	0		0	1

2-7. ID MAP TABLE

Model	ID-O	ID-1	ID-2	ID-3	ID-4	ID-5	ID-6	ID-7	ID-8
KDF-55WF655	19	1	239	107	0	99	54	31	10
KDF-60WF655	19	1	239	107	0	99	54	31	10

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm

Rating electrical power : $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{16}\text{W}$ in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacé par une fusible de même valeur, comme marqué.

REFERENCE INFORMATION

RESISTOR

: RN METAL FILM
 : RC SOLID
 : FPRD NONFLAMMABLE CARBON
 : FUSE NONFLAMMABLE FUSIBLE
 : RW NONFLAMMABLE WIREWOUND
 : RS NONFLAMMABLE METAL OXIDE
 : RB NONFLAMMABLE CEMENT
 : ※ ADJUSTMENT RESISTOR

COIL

: LF-8L MICRO INDUCTOR

CAPACITOR

: TA TANTALUM
 : PS STYROL
 : PP POLYPROPYLENE
 : PT MYLAR
 : MPS METALIZED POLYESTER
 : MPP METALIZED POLYPROPYLENE
 : ALB BIPOLAR
 : ALT HIGH TEMPERATURE
 : ALR HIGH RIPPLE

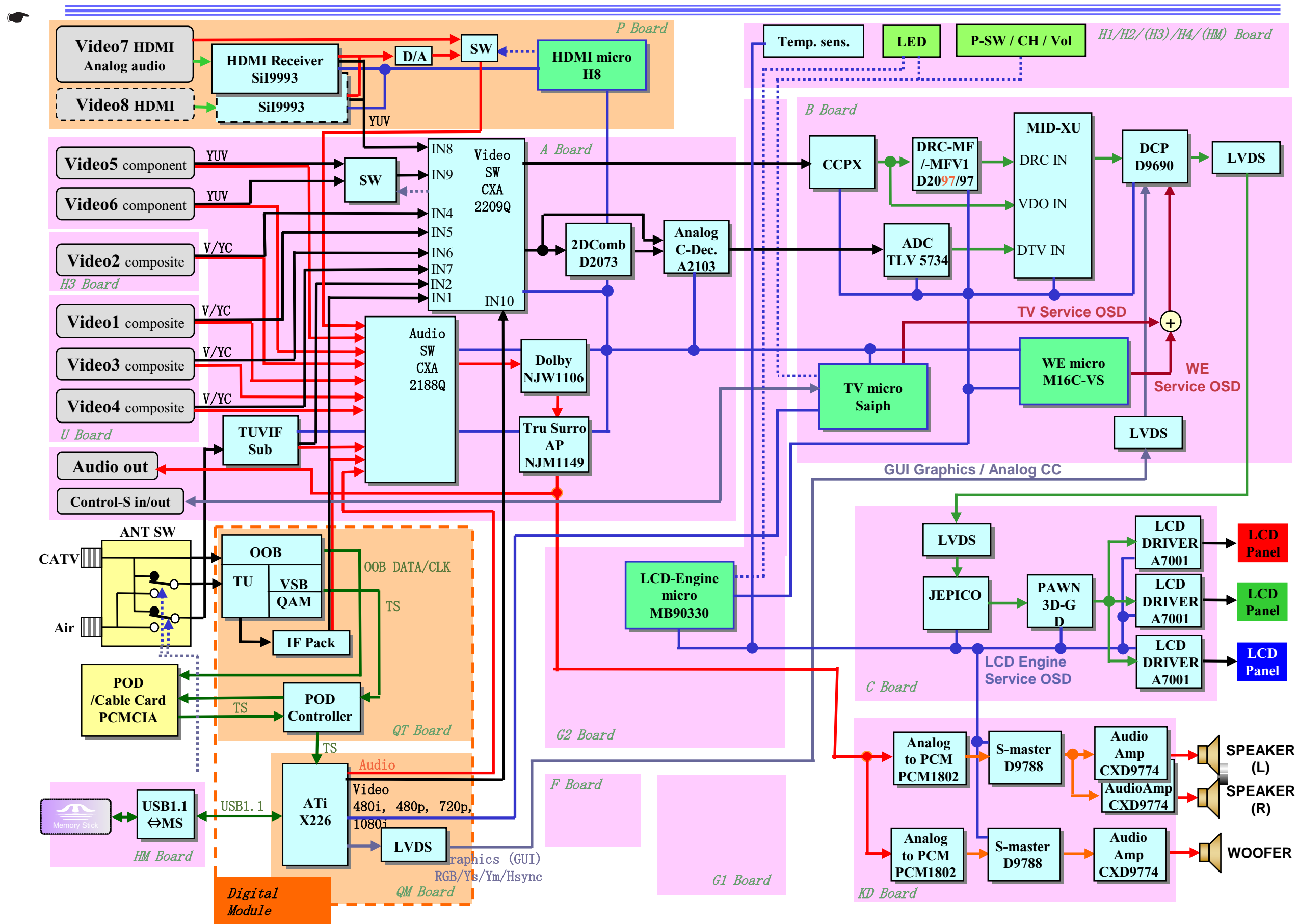
Terminal name of semiconductors in silk screen printed circuit (※)

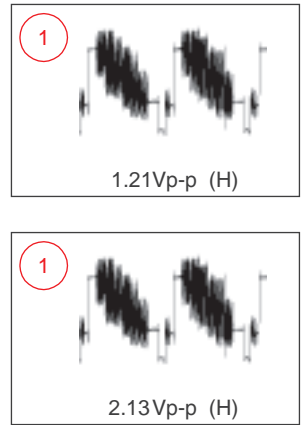
	Device	Printed symbol	Terminal name	Circuit
①	Transistor		Collector Base Emitter	
②	Transistor		Collector Base Emitter	
③	Diode		Cathode Anode	
④	Diode		Cathode Anode (NC)	
⑤	Diode		Cathode Anode (NC)	
⑥	Diode		Common Anode Cathode	
⑦	Diode		Common Anode Cathode	
⑧	Diode		Common Anode Anode	
⑨	Diode		Common Anode Anode	
⑩	Diode		Common Cathode Cathode	
⑪	Diode		Common Cathode Cathode	
⑫	Diode		Anode Anode Cathode Cathode	
⑬	Transistor (FET)		Drain Source Gate	
⑭	Transistor (FET)		Drain Source Gate	
⑮	Transistor (FET)		Source Drain Gate	
⑯	Transistor		Emitter Collector Base	
⑰	Transistor		C2 B1 E1 E2 B2 C1	
⑱	Transistor		C1 B2 E2 E1 B1 C2	
⑲	Transistor		C1 B2 E2 E1 B1 C2	
⑳	Transistor		C1 B2 E2 E1 B1 C2	
㉑	Transistor		E2 B1 E1 C2 C1(B2)	
㉒	Transistor		(B2) B1 E1 E2 C1 C2	
㉓	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.5

3-3. BLOCK DIAGRAM





TERMINAL BLOCK TUNER

9-965-972-01<LA3>A P1 OF 3







[TERMINAL BLOCK, TUNER, Y/C POWER, SUB COMB/ENCODER, AUDIO]

COMPONENT SIDE

A BOARD LOCATOR LIST COMPONENT SIDE

DIODE		IC		TRANSISTOR	
D8200	D-2	IC8001	F-5	Q8003	H-1
D8301	H-2	IC8002	F-2	Q8004	H-1
D8302	H-3	IC8200	C-1	Q8005	H-2
D8501	B-3	IC8220	B-3	Q8006	H-1
D8701	H-8	IC8301	B-5	Q8007	H-1
D8702	H-9	IC8302	H-2	Q8008	F-5
		IC8303	D-4	Q8009	F-5
		IC8502	F-2	Q8010	G-4
		IC8504	B-1	Q8204	D-1
		IC8505	G-3	Q8301	C-4
		IC8506	A-4	Q8302	C-5
				Q8305	C-4
				Q8306	C-6
				Q8307	C-6
				Q8308	D-4
				Q8309	D-4
				Q8310	D-5
				Q8311	H-3
				Q8312	H-2
				Q8401	H-9
				Q8402	H-9
				Q8410	E-3
				Q8411	E-3
				Q8412	E-3
				Q8413	E-3
				Q8414	E-3



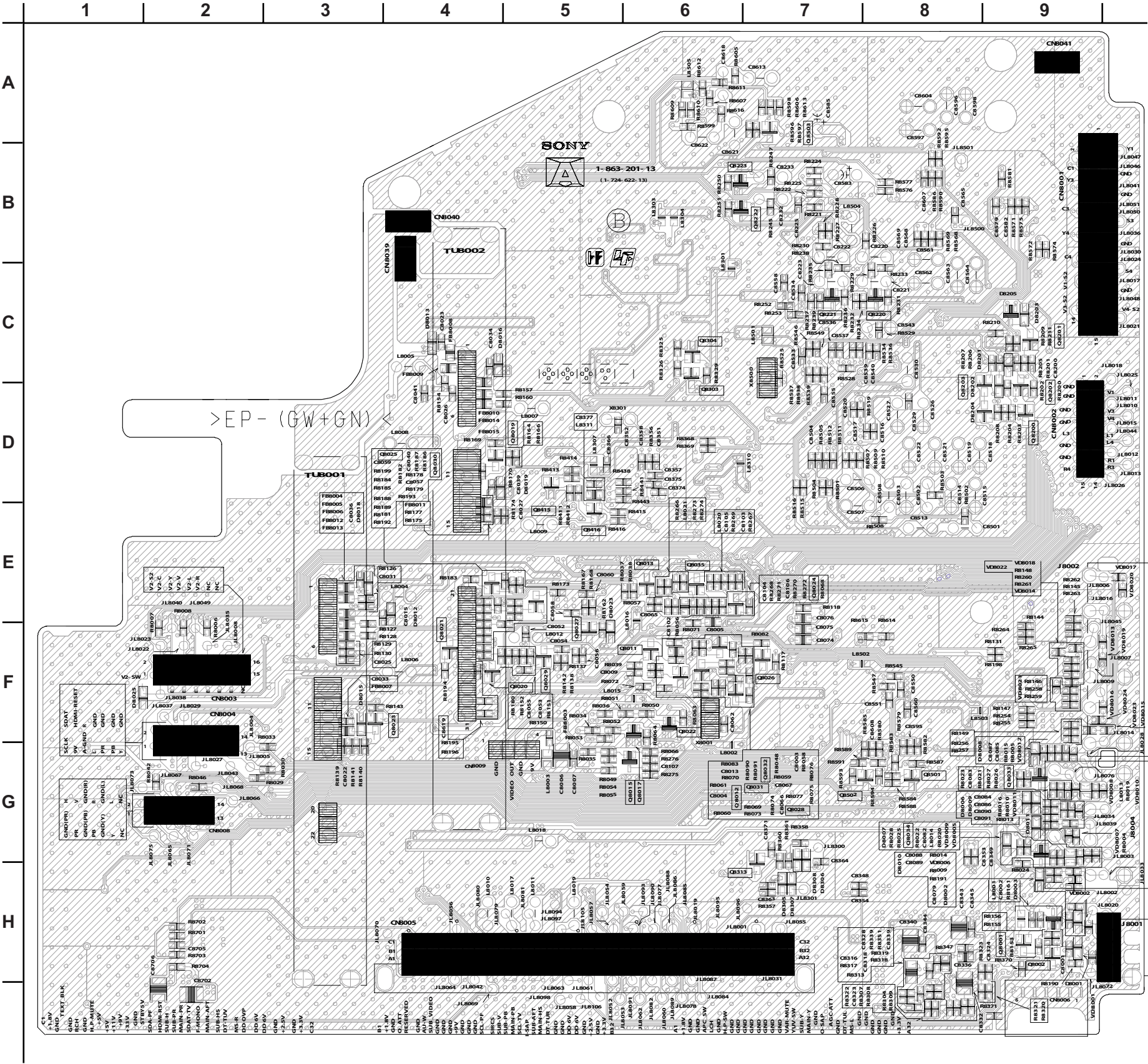


[TERMINAL BLOCK, TUNER, Y/C POWER, SUB COMB/ENCODER, AUDIO]

CONDUCTOR SIDE

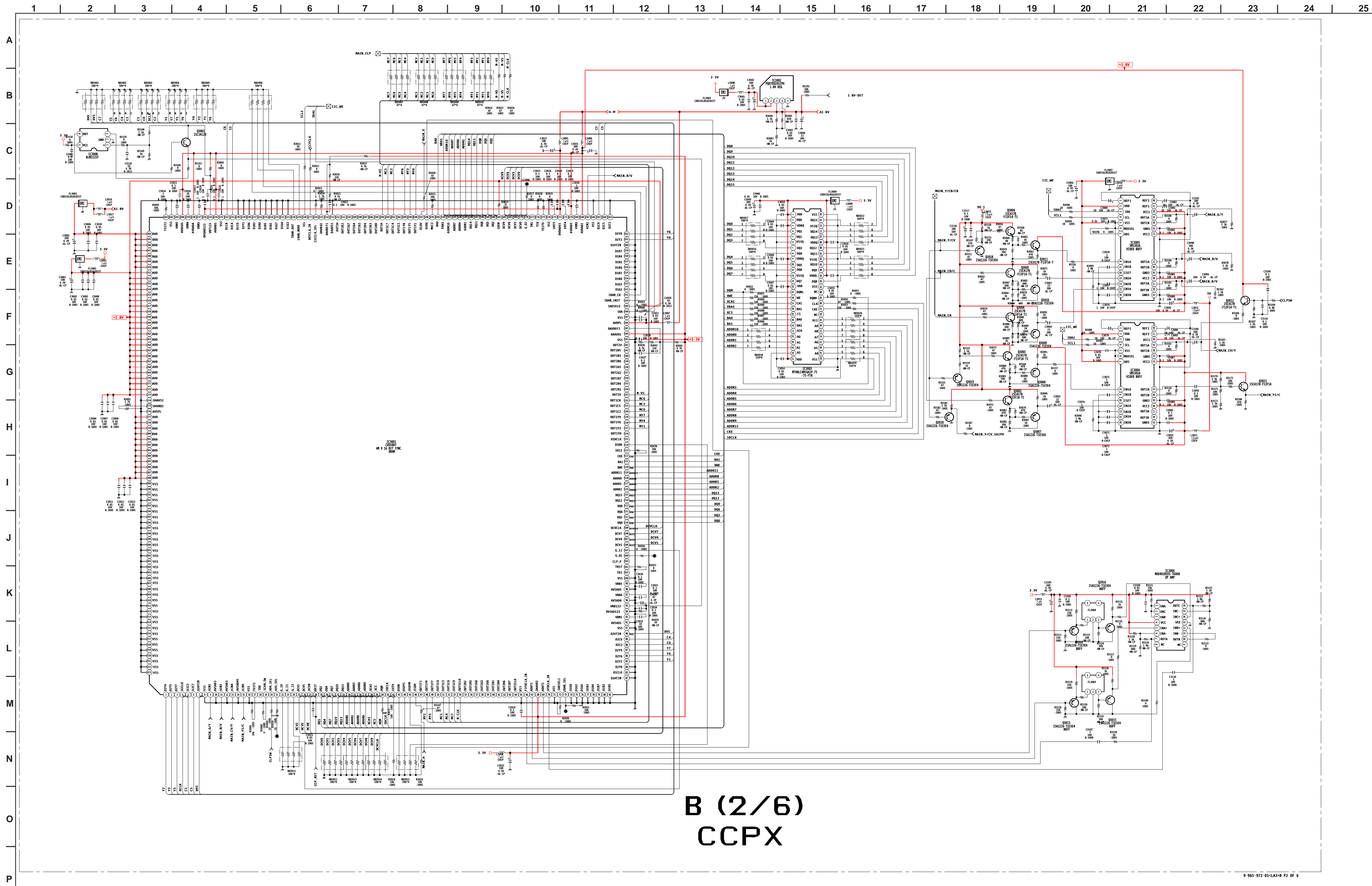
A BOARD LOCATOR LIST CONDUCTOR SIDE

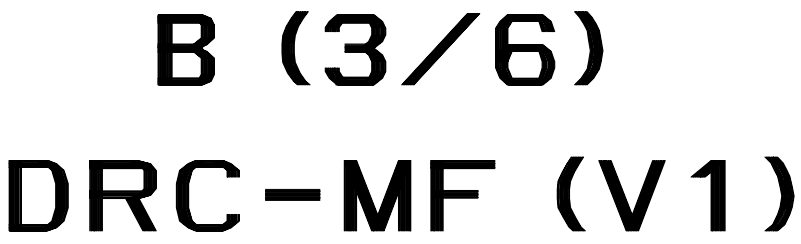
DIODE		TRANSISTOR	
D8001	H-9	Q8001	H-9
D8002	H-9	Q8002	H-9
D8003	H-9	Q8011	F-6
D8006	G-8	Q8012	G-6
D8007	G-8	Q8013	E-6
D8008	G-9	Q8015	G-6
D8009	G-8	Q8017	G-6
D8010	H-8	Q8022	F-6
D8011	G-9	Q8023	F-4
D8023	E-5	Q8024	E-7
D8201	C-8	Q8026	F-7
D8202	C-8	Q8027	F-5
D8203	C-9	Q8028	G-7
D8204	D-8	Q8029	F-5
D8205	C-9	Q8030	D-4
D8305	H-7	Q8031	G-7
D8306	H-7	Q8032	G-7
D8307	H-7	Q8033	G-9
D8308	H-7	Q8034	G-8
		Q8200	D-9
		Q8201	C-9
		Q8202	D-9
		Q8203	C-8
		Q8220	C-8
		Q8221	C-7
		Q8222	B-7
		Q8223	B-6
		Q8303	D-6
		Q8304	C-6
		Q8313	H-6
		Q8415	E-5
		Q8416	E-5
		Q8501	G-8
		Q8502	G-7
		Q8503	A-7





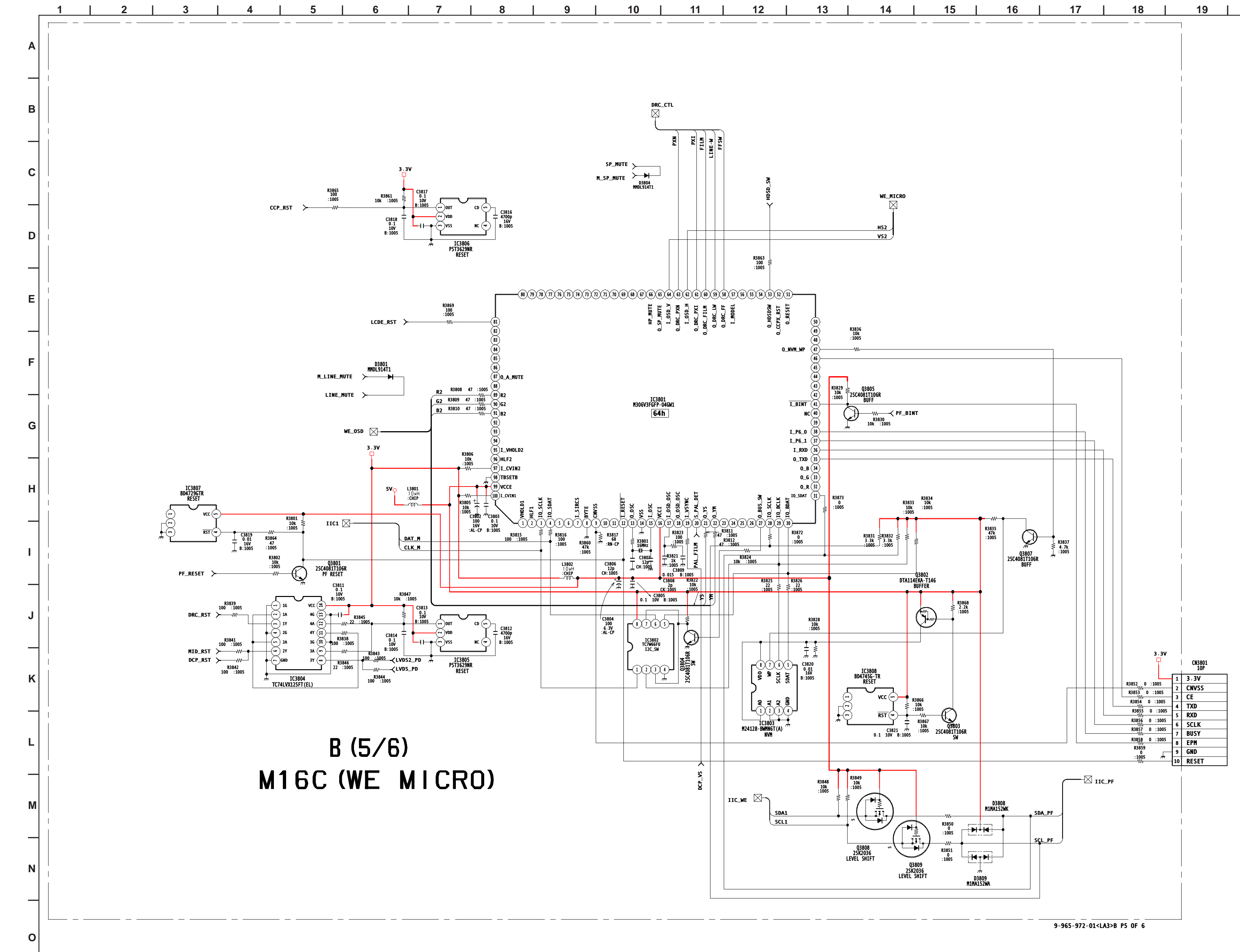
B BOARD SCHEMATIC DIAGRAM (2 OF 6)



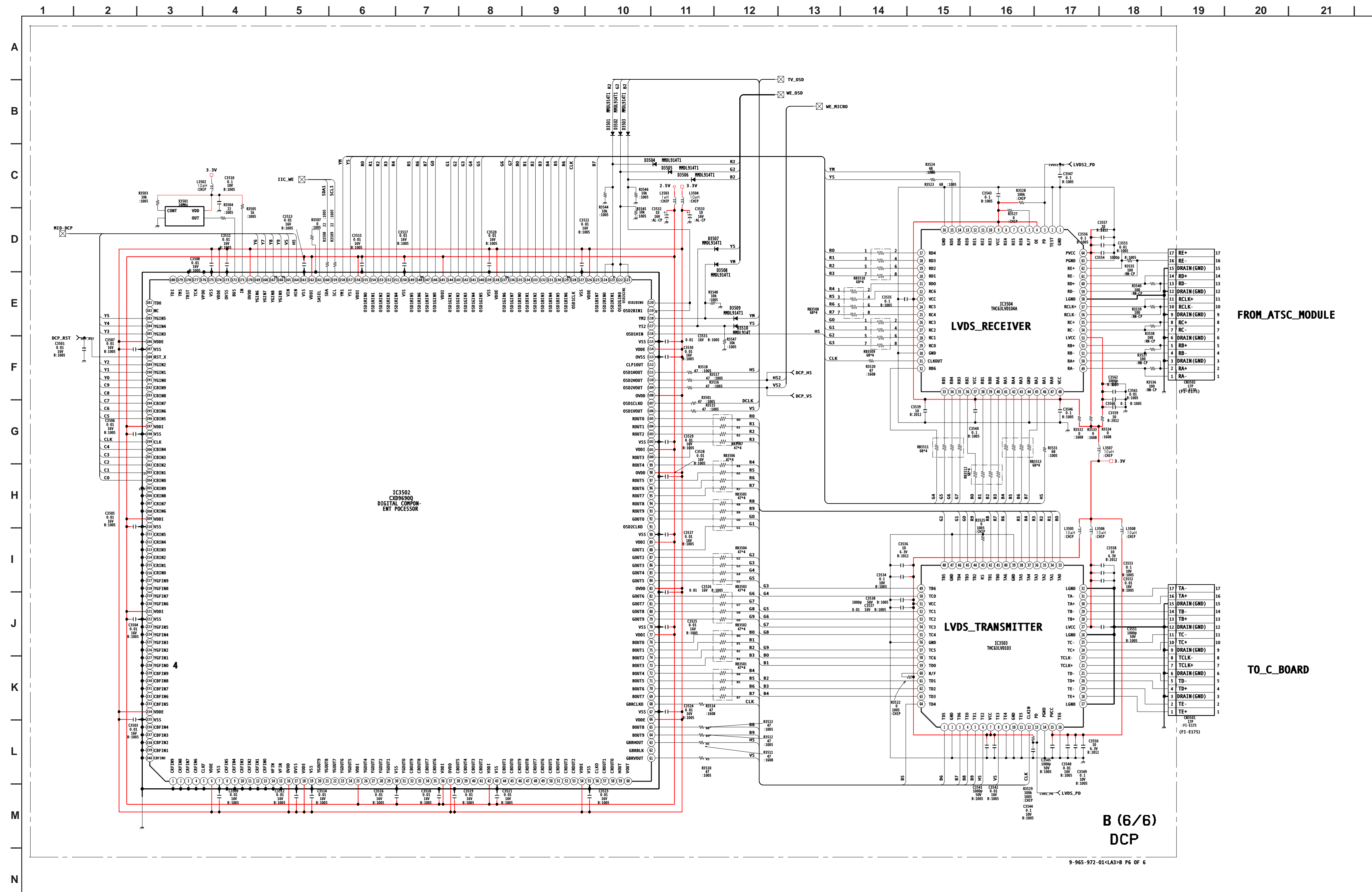




B BOARD SCHEMATIC DIAGRAM (5 OF 6)



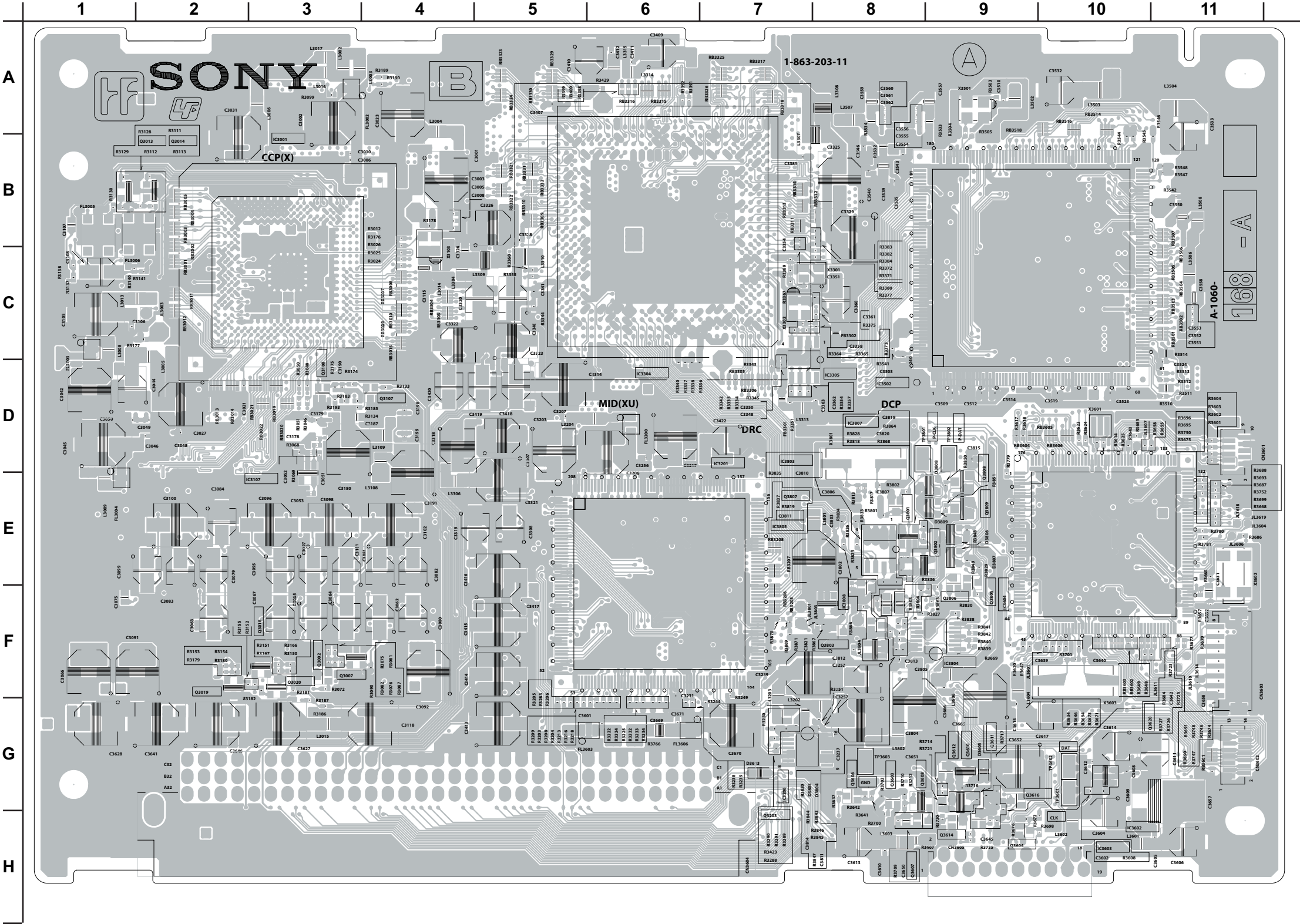
46



B

[SAIPH (TV MICRO) CONNECTOR I/F, CCPX, DRC-MF (V1), MID-XU, M16C (WE MICRO), DCP]

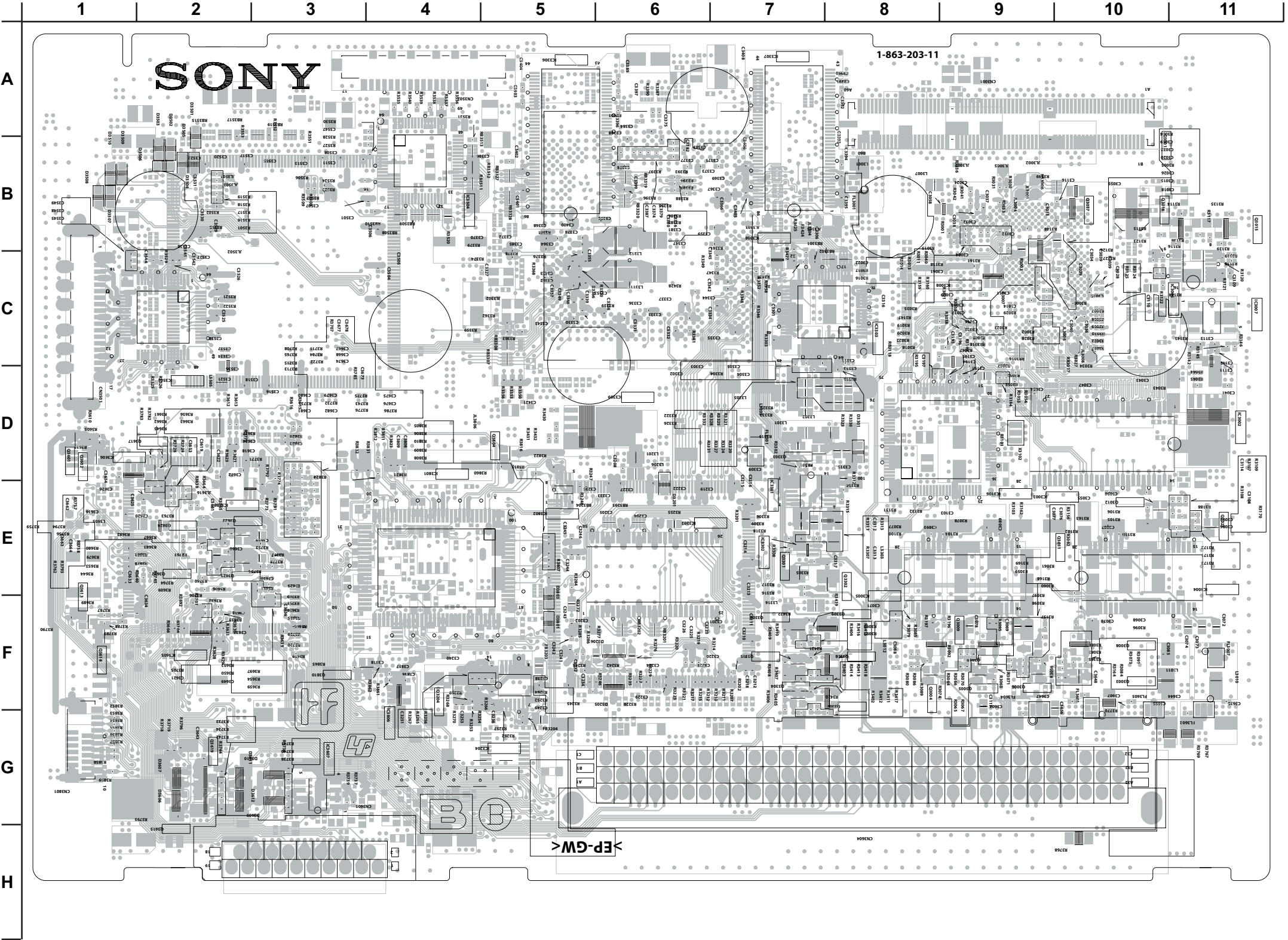
COMPONENT SIDE



B

[SAIPH (TV MICRO) CONNECTOR I/F, CCPX, DRC-MF (V1), MID-XU, M16C (WE MICRO), DCP]

CONDUCTOR SIDE







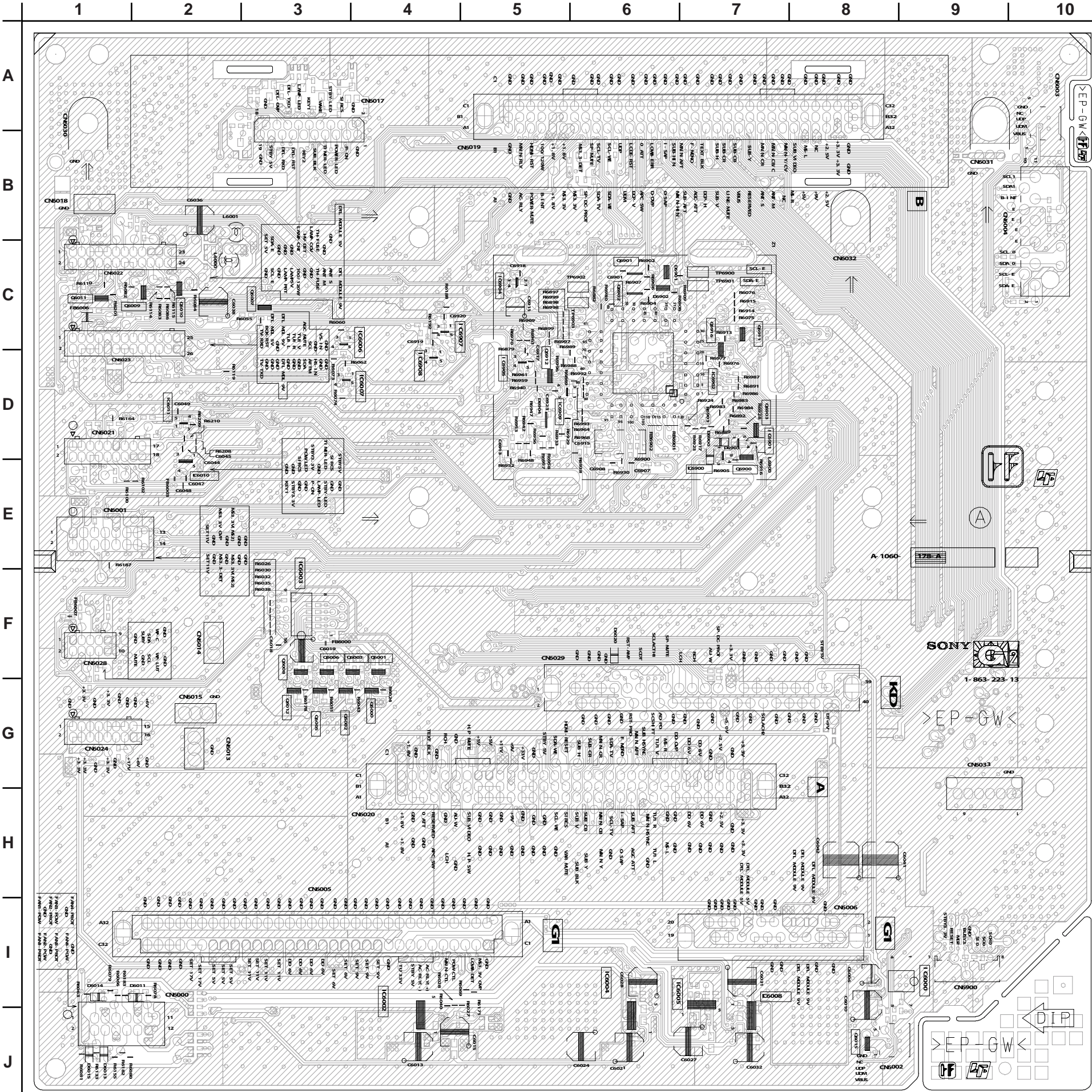
G2

[MAIN I/F, LCD-ENGINE]

COMPONENT SIDE

G2 BOARD LOCATOR LIST COMPONENT SIDE

DIODE		IC		TRANSISTOR	
D6011	I-2	IC6002	I-4	Q6000	G-4
D6013	J-1	IC6003	F-3	Q6001	F-4
D6014	I-1	IC6004	I-6	Q6002	G-4
D6015	J-1	IC6005	I-7	Q6003	F-4
D6020	F-6	IC6006	C-4	Q6005	G-3
D6901	C-7	IC6007	D-4	Q6006	F-3
D6902	C-6	IC6008	I-7	Q6007	C-3
D6904	D-5	IC6010	E-2	Q6008	F-3
		IC6011	D-2	Q6009	C-2
		IC6902	D-7	Q6010	C-2
		IC6904	C-5	Q6011	C-11
		IC6905	D-5	Q6015	J-8
		IC6907	C-4	Q6901	C-6
		IC6908	D-4	Q6902	C-6
		IC6909		Q6912	D-5
				Q6916	C-7

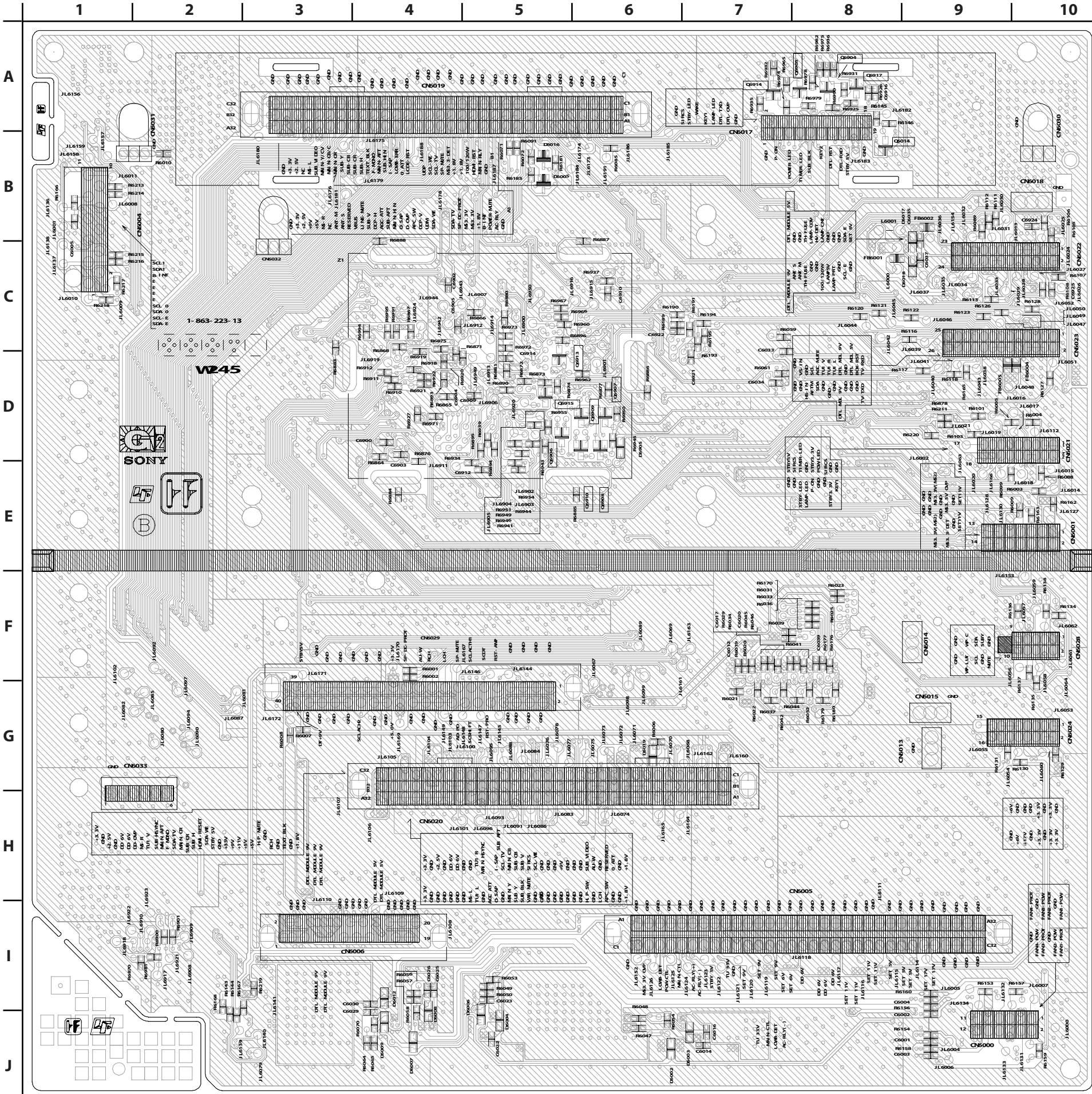


G2

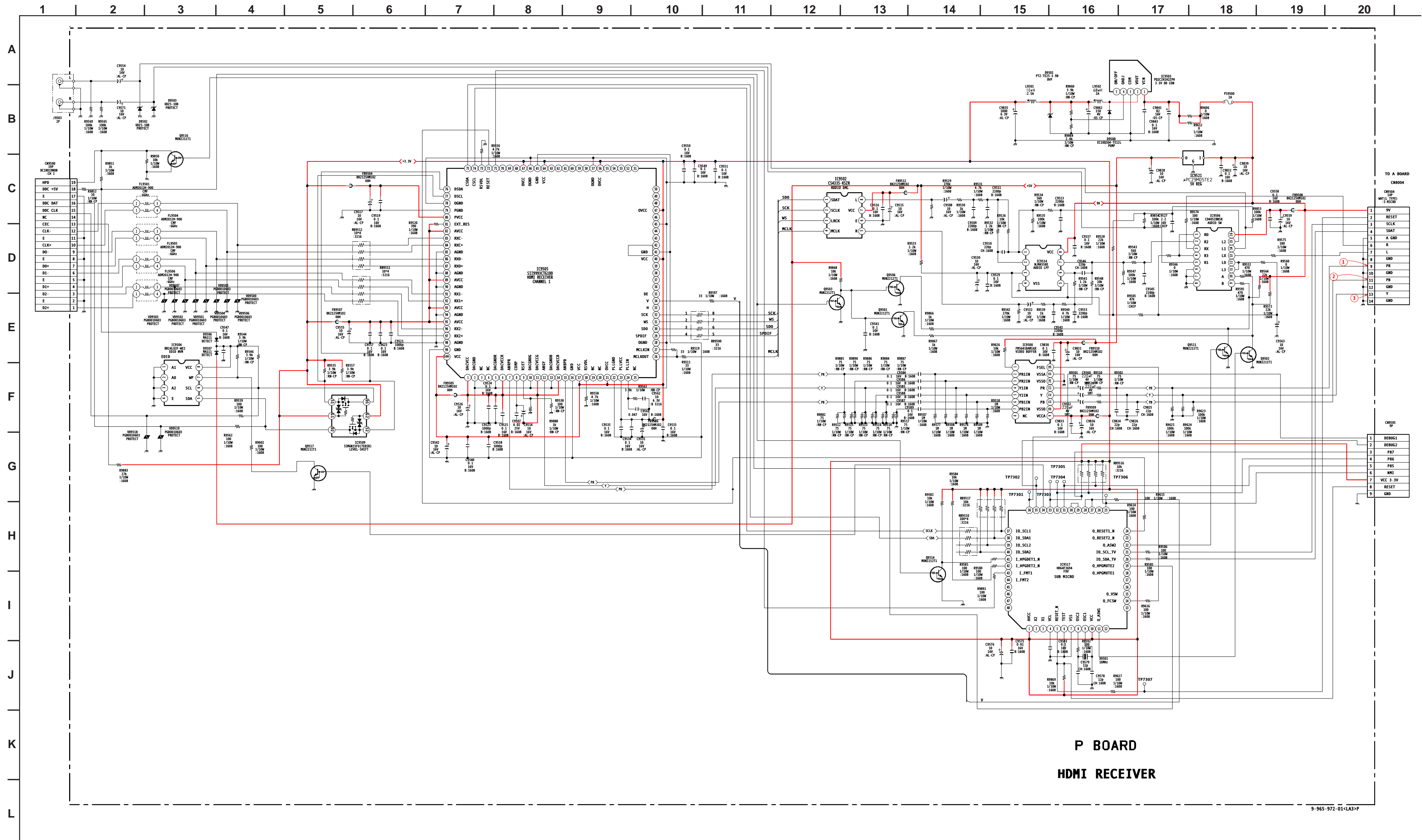
[MAIN I/F, LCD-ENGINE]
CONDUCTOR SIDE

G2 BOARD LOCATOR LIST CONDUCTOR SIDE

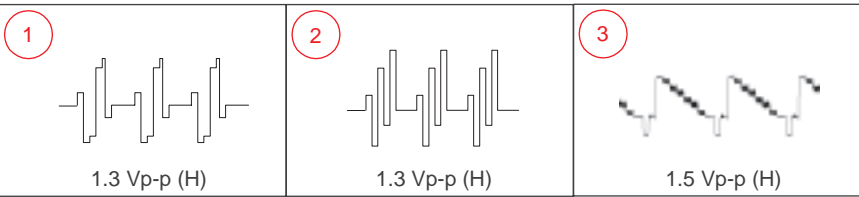
DIODE		TRANSISTOR	
D6002	J-6	Q6014	B-8
D6003	J-7	Q6904	A-8
D6004	J-5	Q6905	A-8
D6005	B-5	Q6906	E-5
D6006	J-5	Q6907	D-6
D6007	J-4	Q6908	E-6
D6008	J-4	Q6909	D-6
D6009	J-4	Q6910	E-6
D6012	I-4	Q6913	D-6
D6016	B-5	Q6914	A-7
D6017	B-9	Q6915	D-6
D6018	C-9	Q6917	A-8
D6019	G-6		
D6905	E-6		



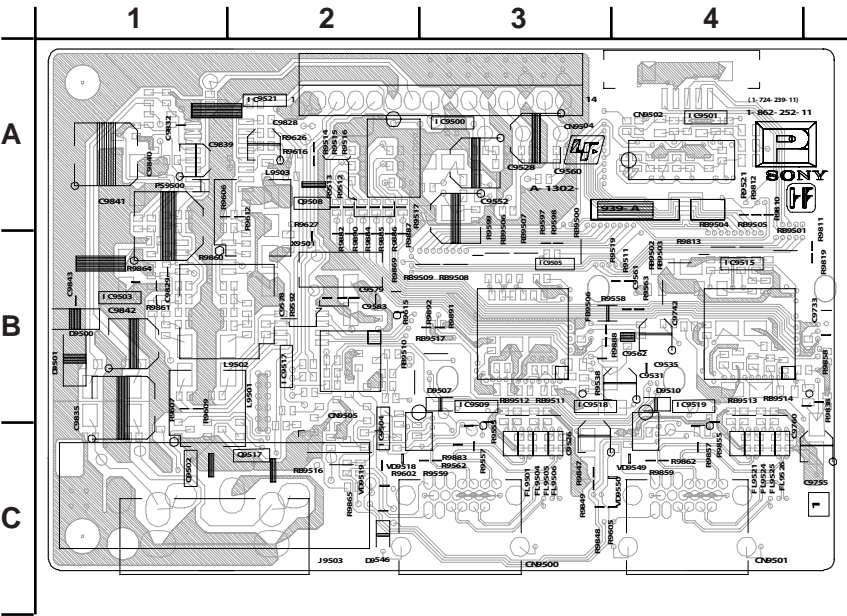
P BOARD SCHEMATIC DIAGRAM



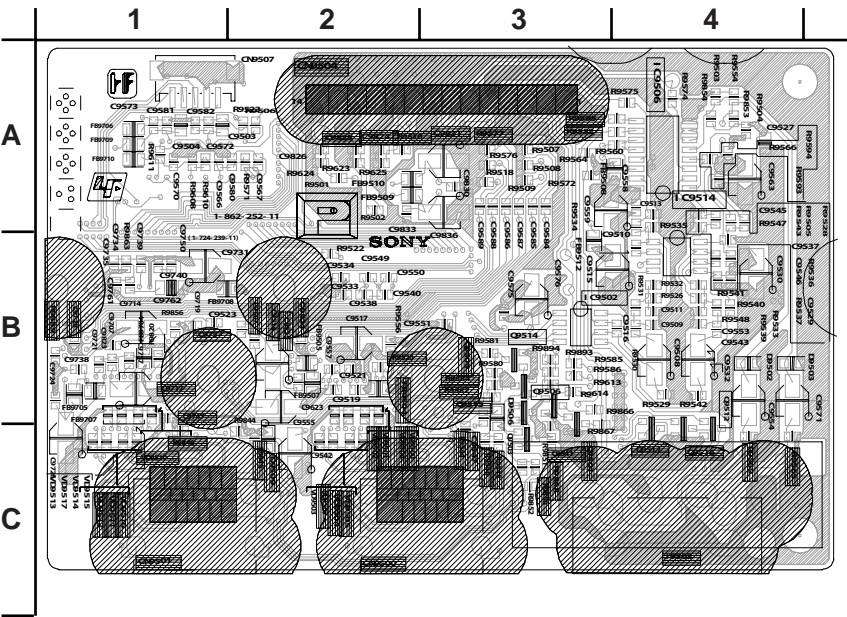
P BOARD WAVEFORMS



P [HDMI RECEIVER]
COMPONENT SIDE

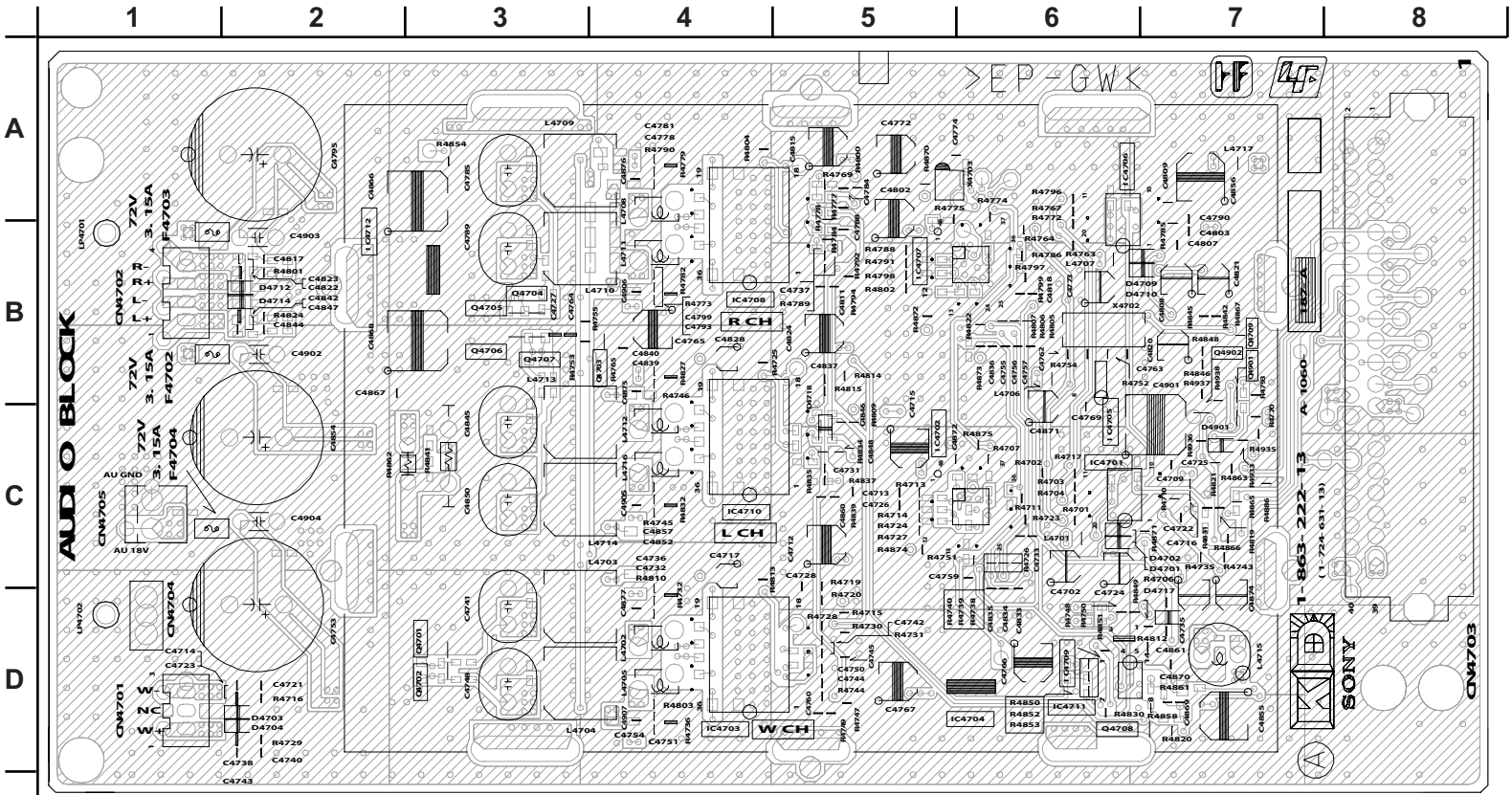


P [HDMI RECEIVER]
CONDUCTOR SIDE

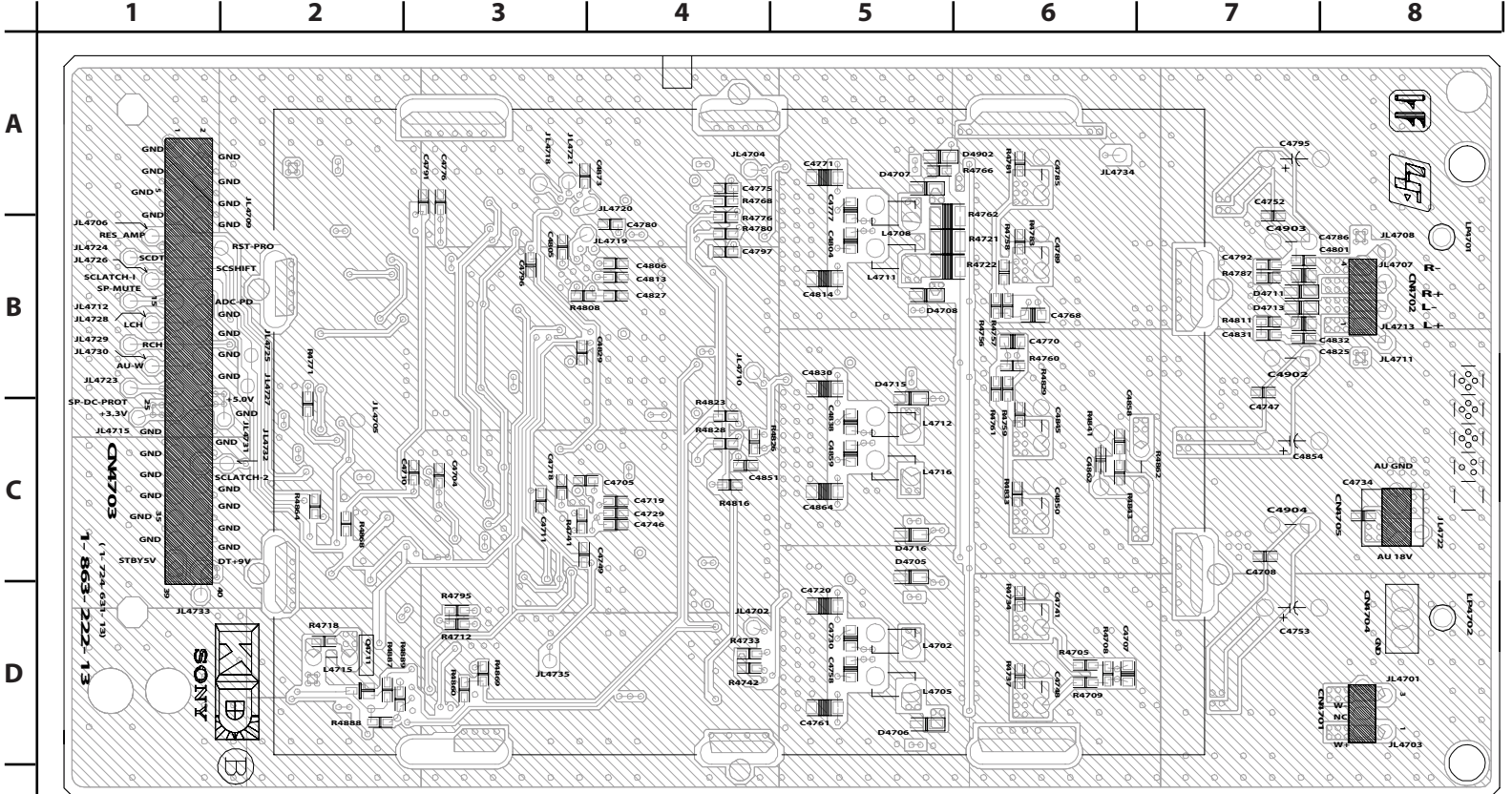




KD [DIGITAL AUDIO]
COMPONENT SIDE

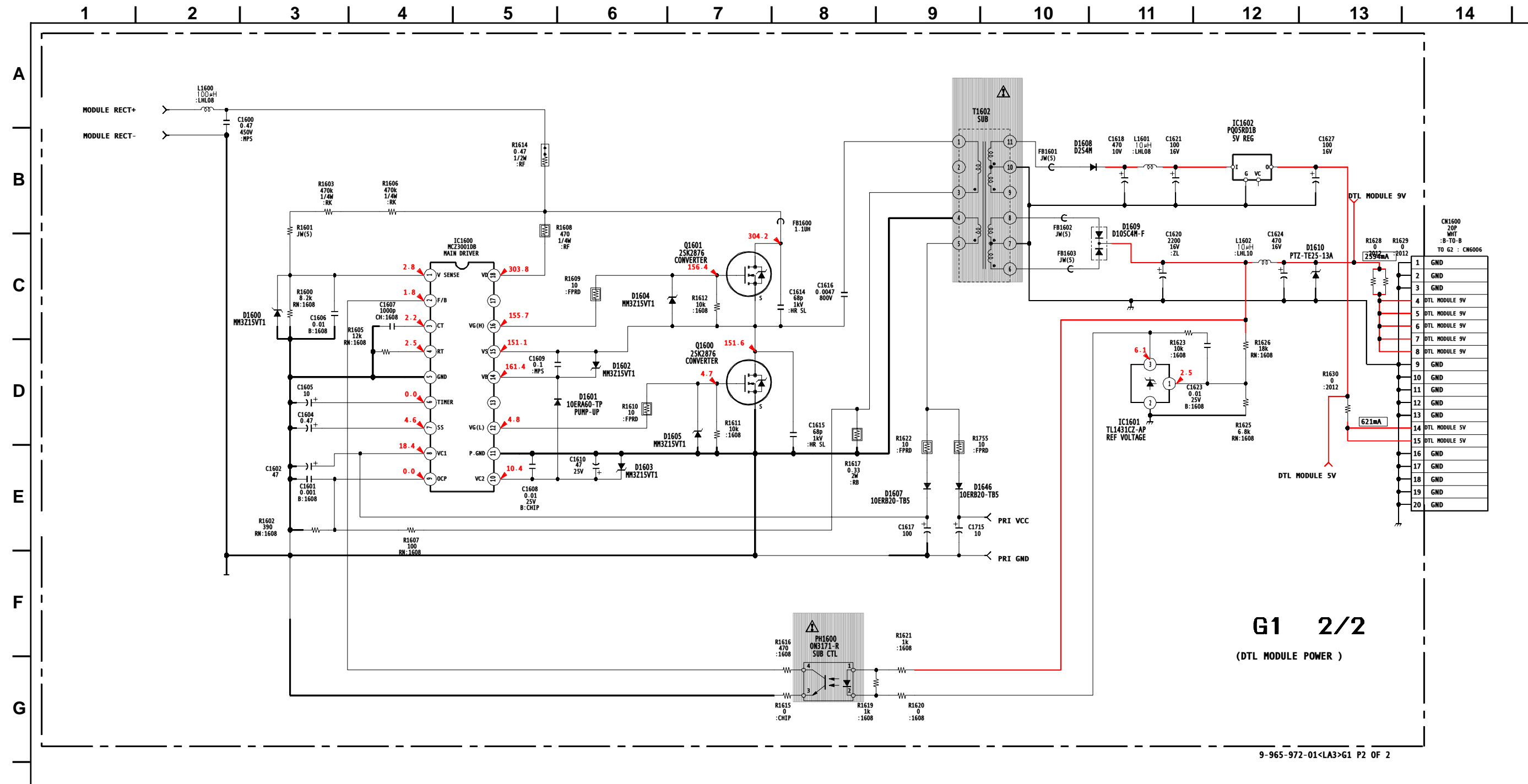


KD [DIGITAL AUDIO]
CONDUCTOR SIDE





G1 BOARD SCHEMATIC DIAGRAM (2 OF 2)



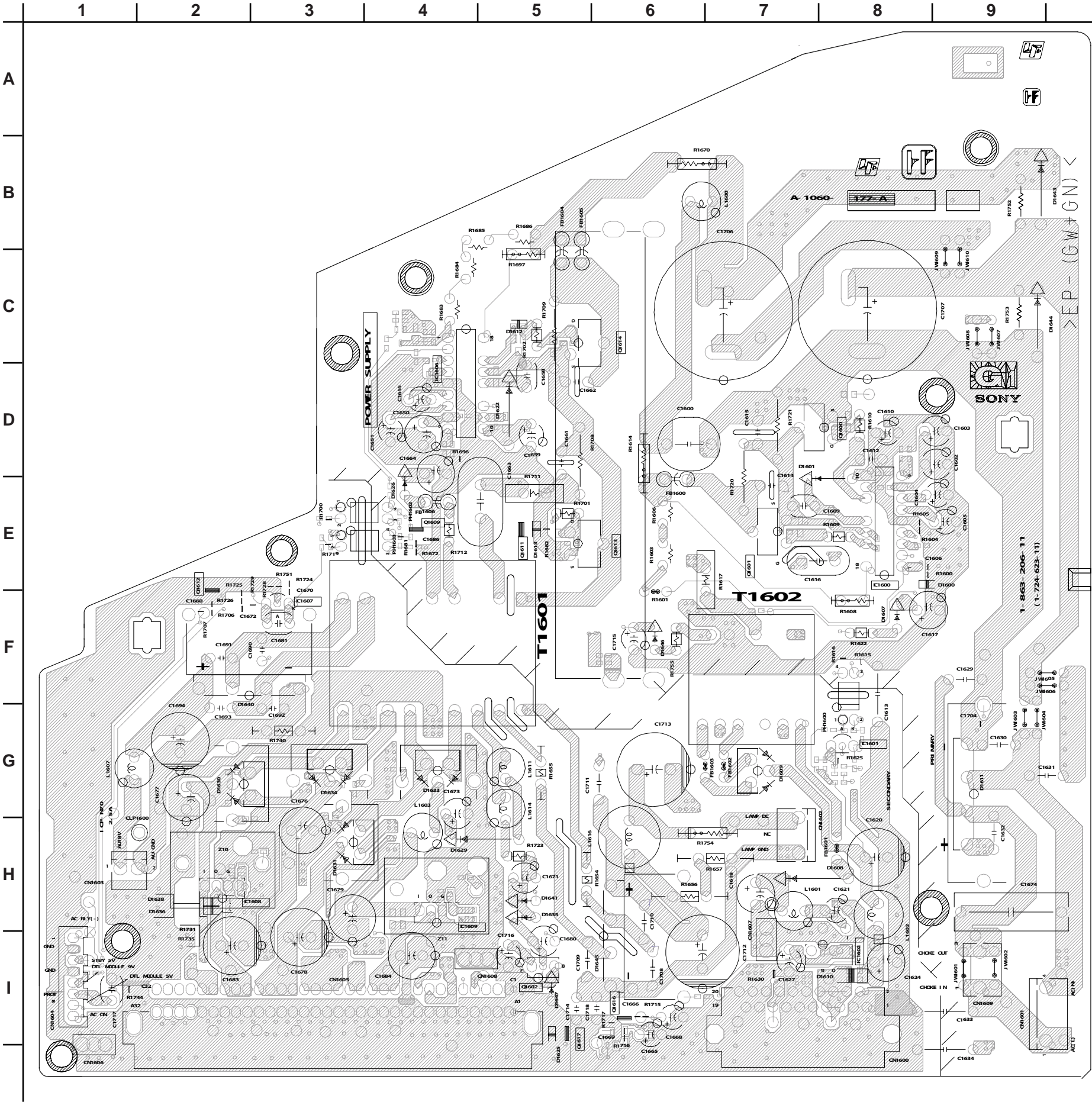
G1

[MAIN POWER SUPPLY, DTL MODULE POWER]

COMPONENT SIDE

G1 BOARD LOCATOR LIST COMPONENT SIDE

DIODE		IC		TRANSISTOR	
D1600	E-9	IC1600	E-8	Q1600	D-8
D1601	D-7	IC1601	G-8	Q1601	E-7
D1607	F-8	IC1602	I-8	Q1602	I-5
D1608	H-8	IC1606	D-4	Q1609	E-4
D1609	G-7	IC1607	F-3	Q1612	E-2
D1610	I-8	IC1608	H-3	Q1613	E-6
D1611	G-9	IC1609	H-5	Q1614	C-6
D1622	D-5			Q1616	I-6
D1625	I-5			Q1617	I-6
D1626	E-4				
D1629	H-5				
D1630	G-2				
D1631	H-3				
D1633	G-4				
D1634	G-3				
D1635	H-5				
D1636	H-2				
D1638	H-2				
D1640	G-2				
D1641	H-5				
D1643	B-9				
D1644	C-9				
D1645	I-6				
D1646	F-6				
D1647	I-5				



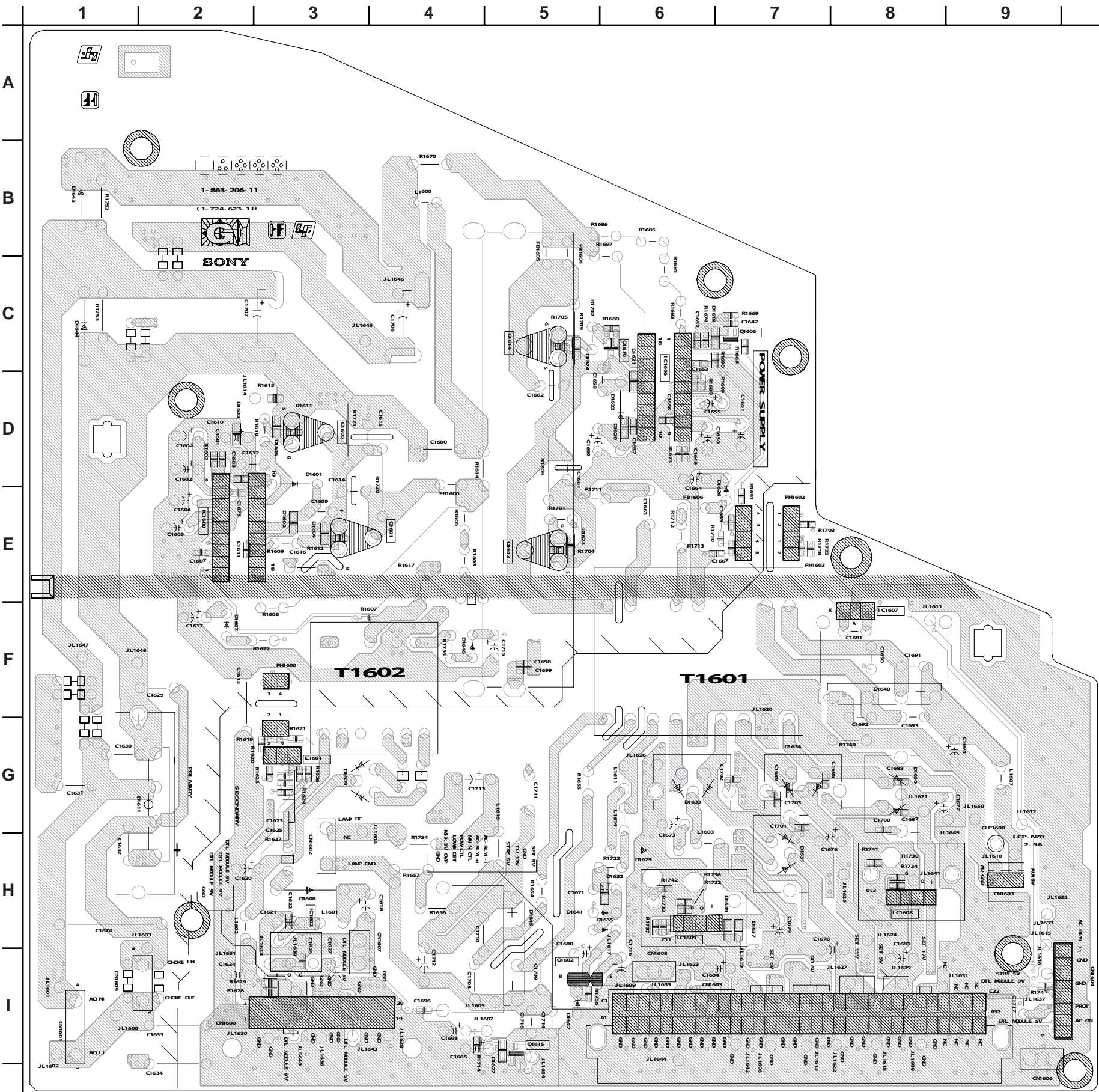
G1

[MAIN POWER SUPPLY, DTL MODULE POWER]

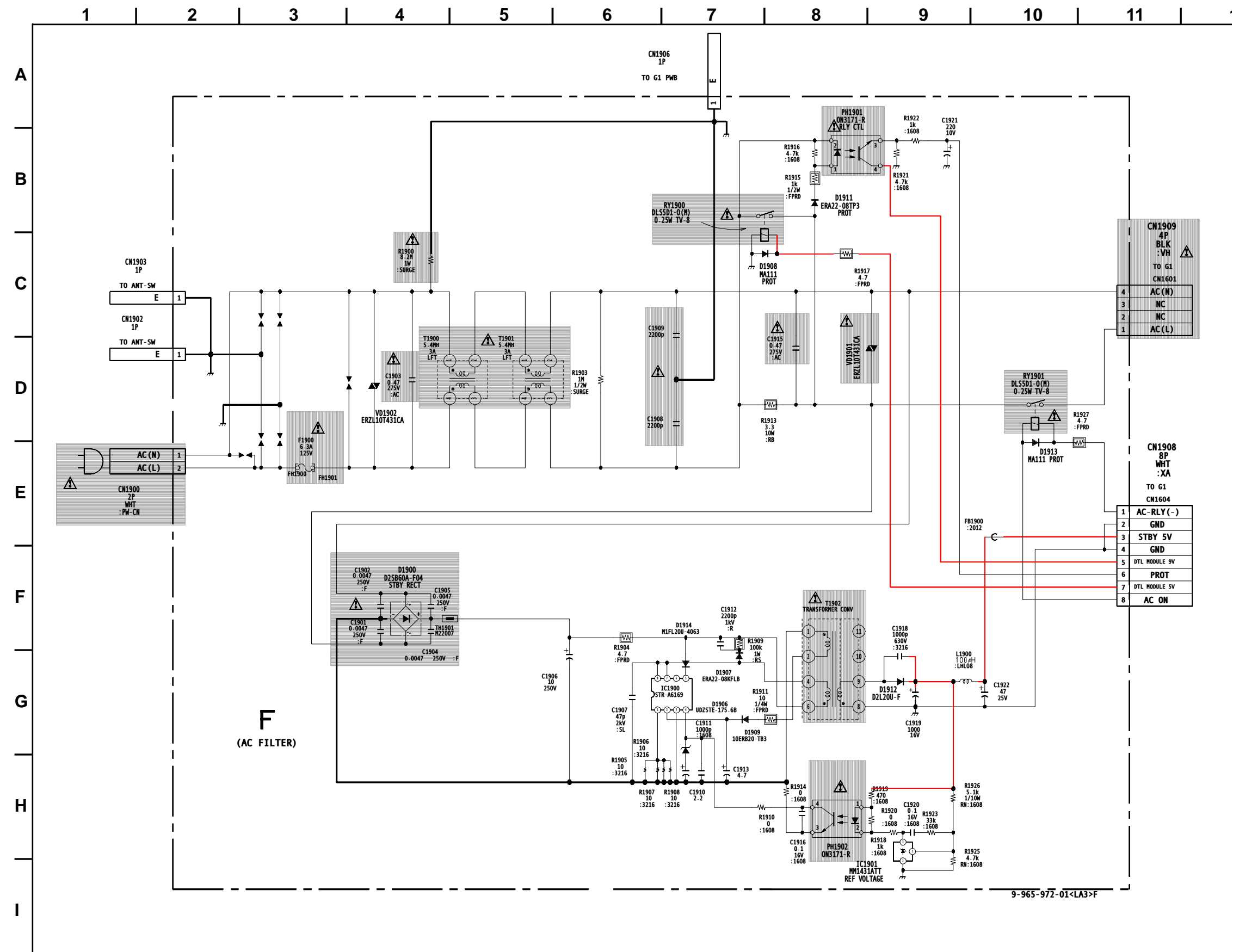
CONDUCTOR SIDE

G1 BOARD LOCATOR LIST CONDUCTOR SIDE

DIODE		IC		TRANSISTOR	
D1601	D-3	IC1600	E-2	Q1600	D-3
D1602	E-3	IC1601	G-3	Q1601	E-4
D1603	D-2	IC1602	H-3	Q1602	I-5
D1604	E-3	IC1606	C-7	Q1606	C-7
D1605	D-3	IC1607	H-7	Q1613	E-5
D1607	F-2	IC1608	H-7	Q1614	C-5
D1608	H-3	IC1609	H-6	Q1615	I-6
D1609	G-3				
D1611	G-2				
D1619	C-6				
D1620	D-6				
D1621	C-6				
D1622	D-6				
D1623	E-5				
D1624	C-5				
D1626	D-7				
D1627	I-5				
D1629	H-6				
D1630	G-8				
D1631	H-7				
D1632	H-6				
D1633	G-6				
D1634	G-7				
D1635	H-6				
D1637	H-7				
D1639	H-7				
D1640	H-8				
D1641	H-5				
D1643	B-1				
D1645	H-5				
D1646	F-4				
D1647	I-5				

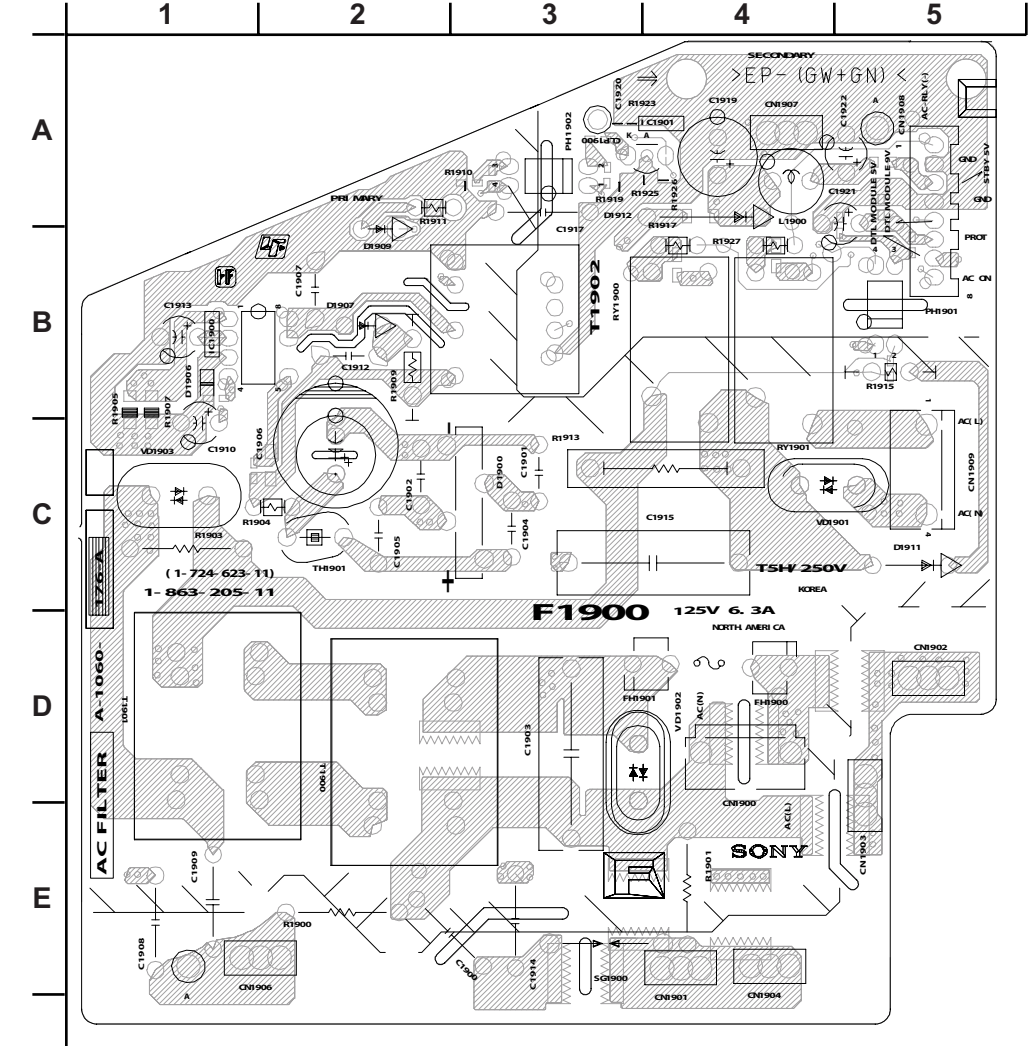


F BOARD SCHEMATIC DIAGRAM

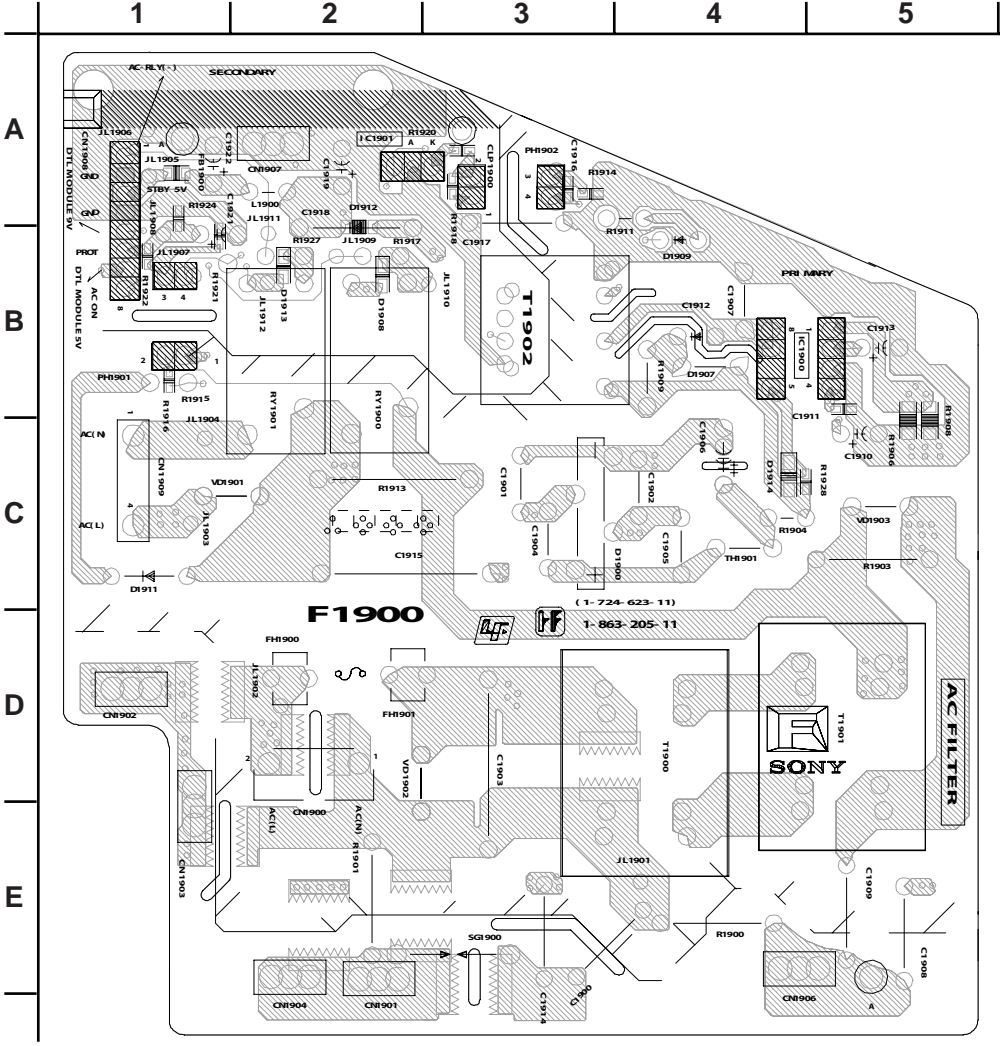




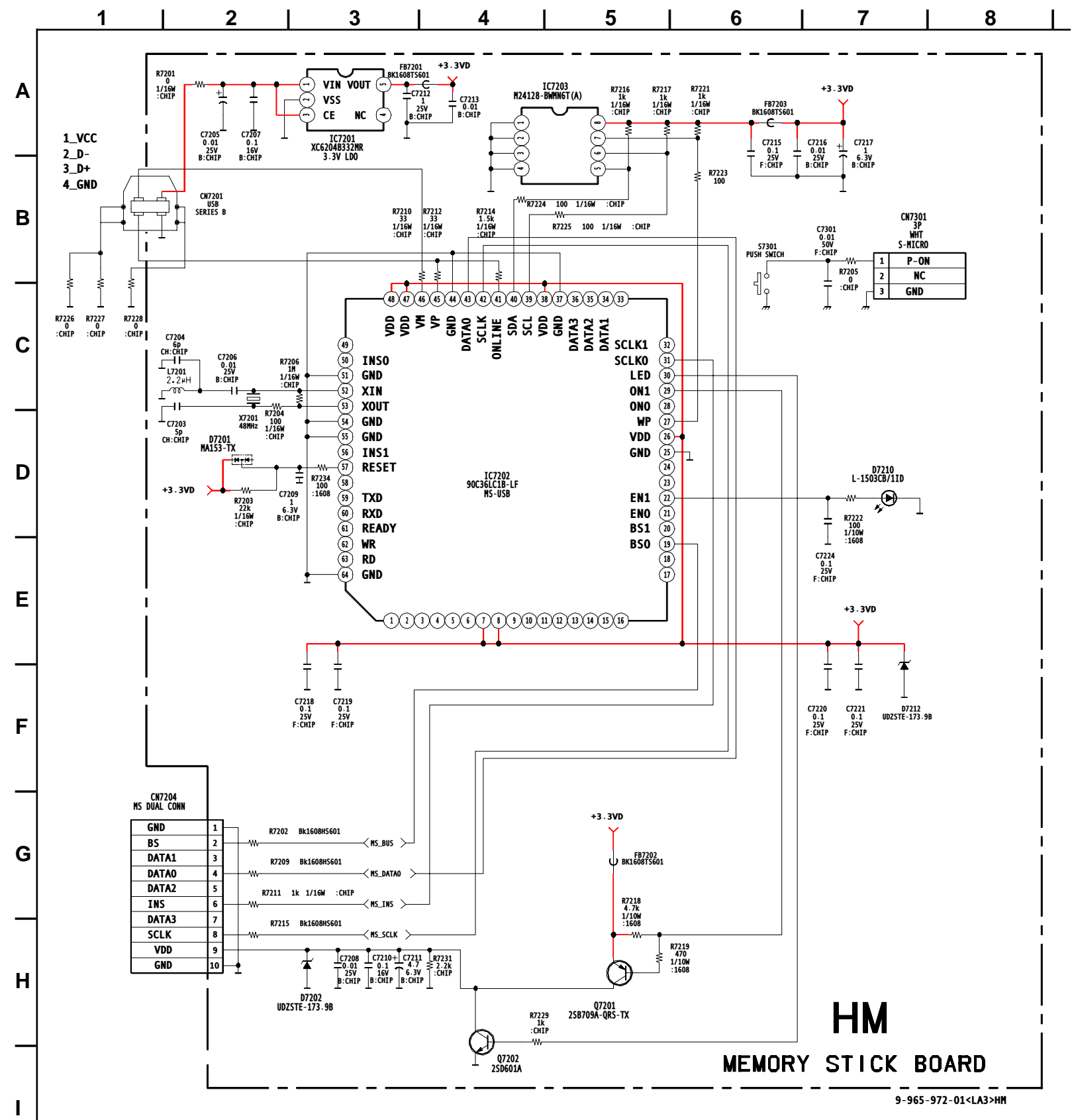
COMPONENT SIDE



CONDUCTOR SIDE

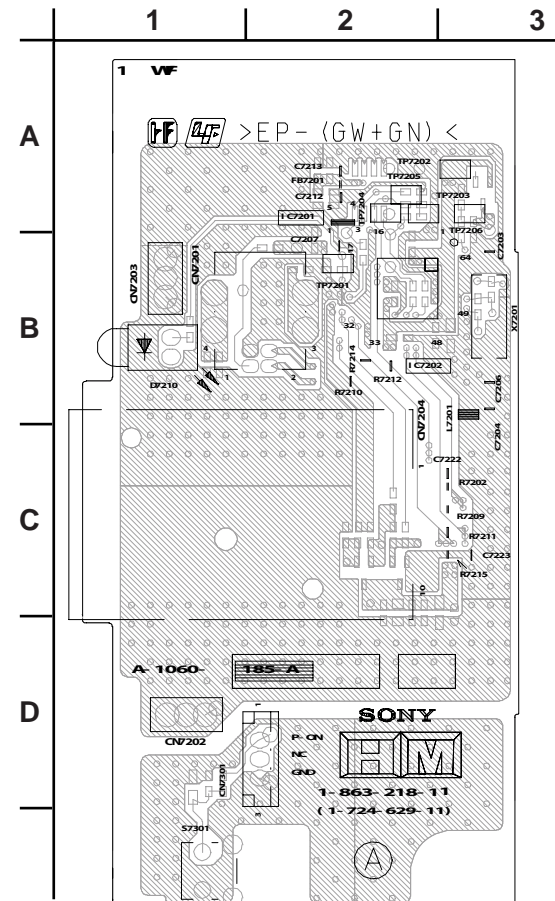


HM BOARD SCHEMATIC DIAGRAM

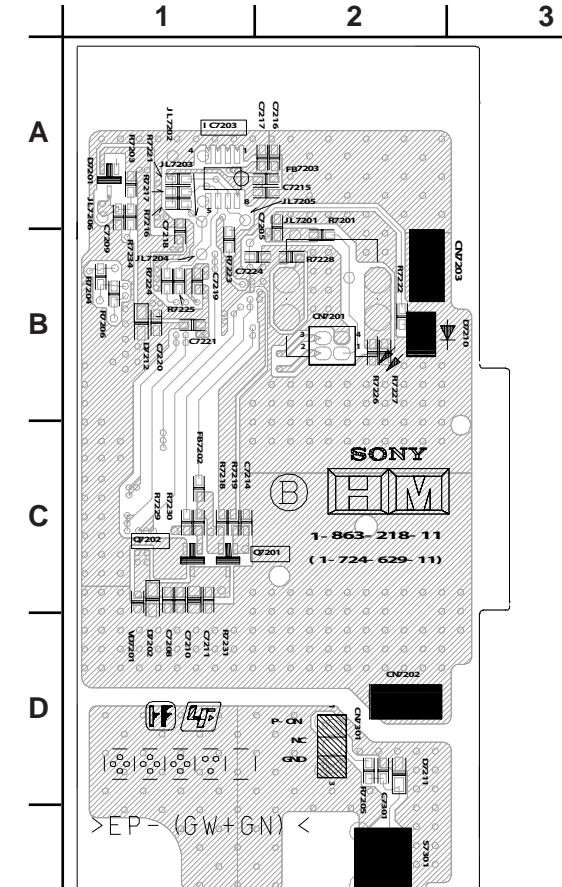




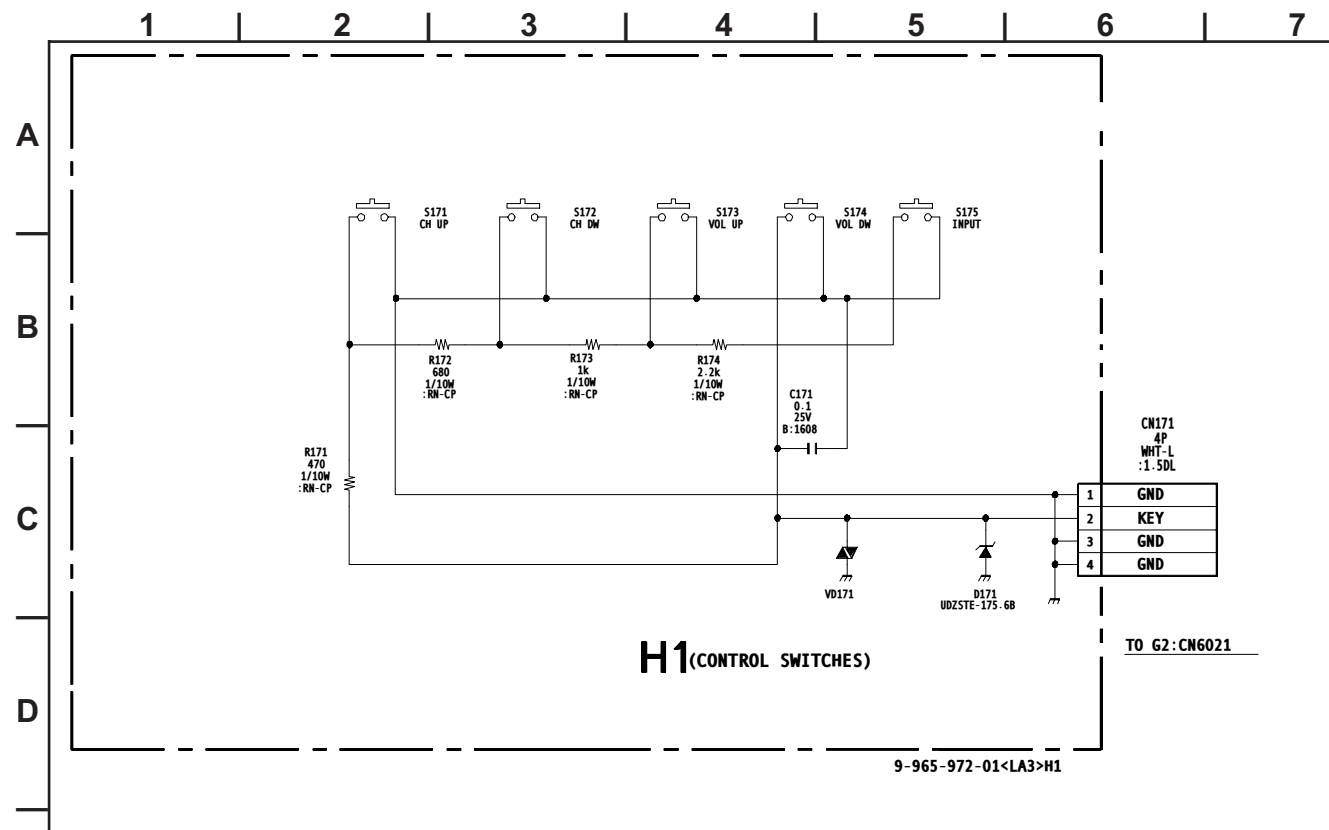
COMPONENT SIDE



CONDUCTOR SIDE

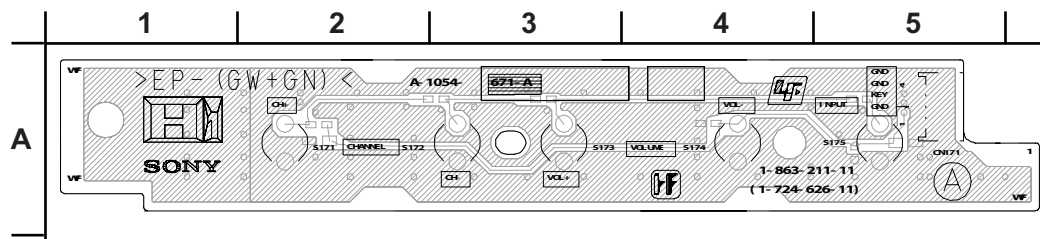


H1 BOARD SCHEMATIC DIAGRAM

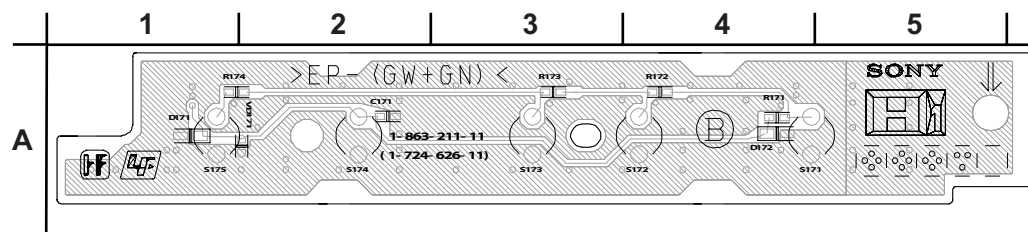


H1

[CONTROL SWITCHES]
COMPONENT SIDE

**H1**

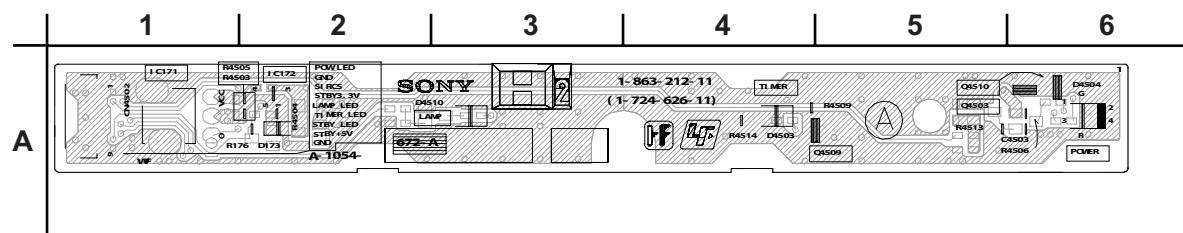
[CONTROL SWITCHES]
CONDUCTOR SIDE





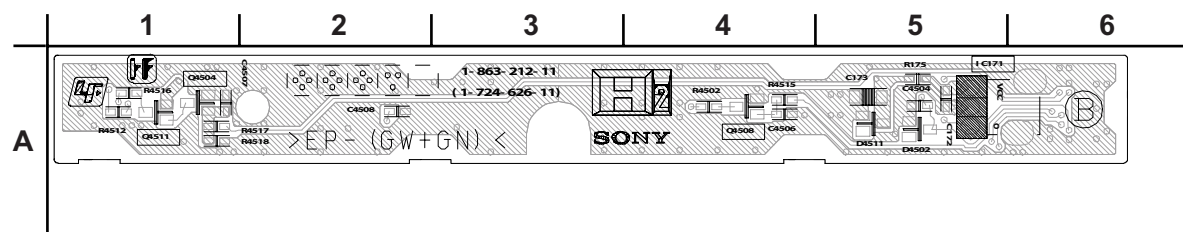
H2

[POWER SWITCH, SIRCS]
COMPONENT SIDE

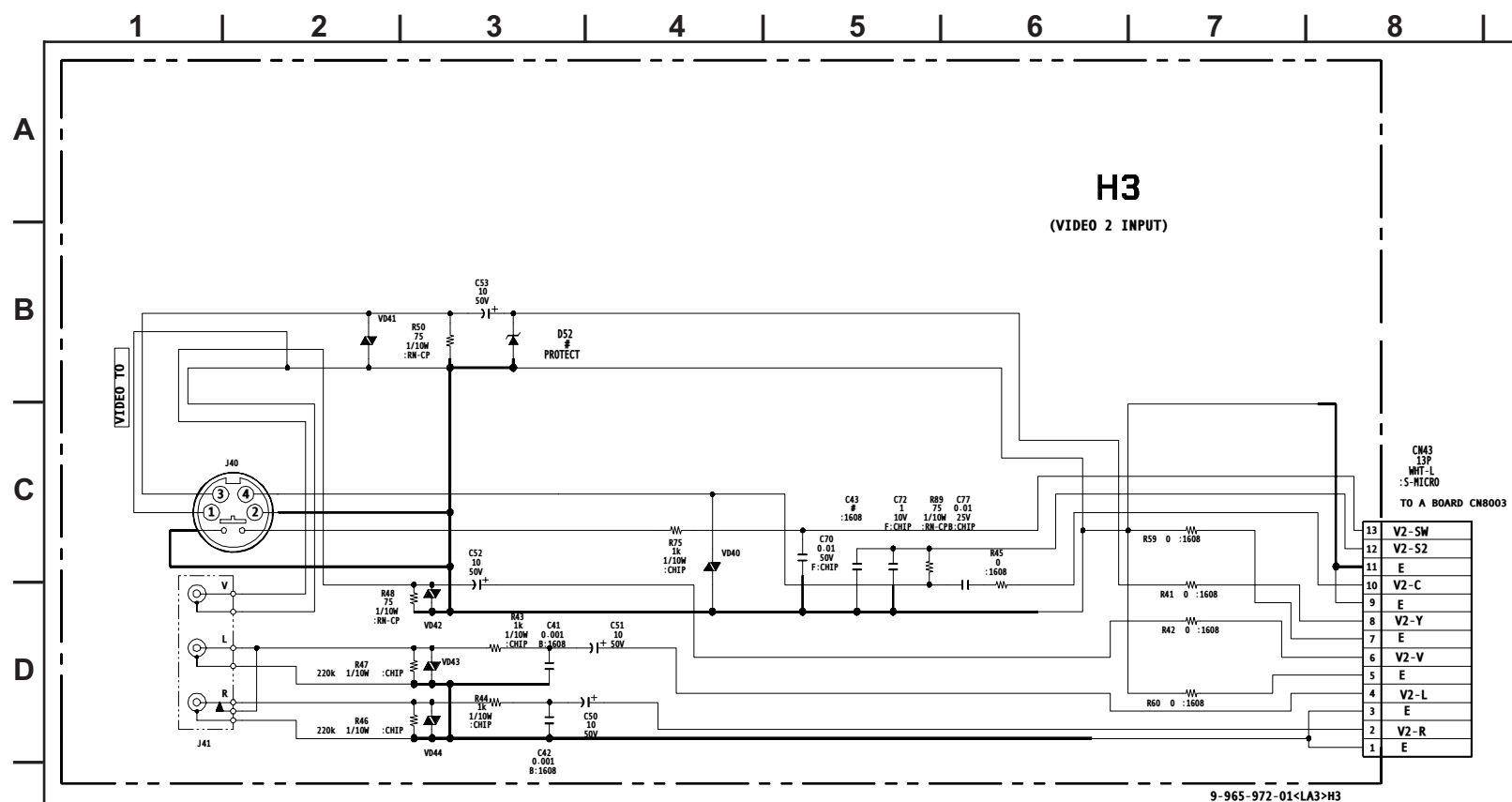


H2

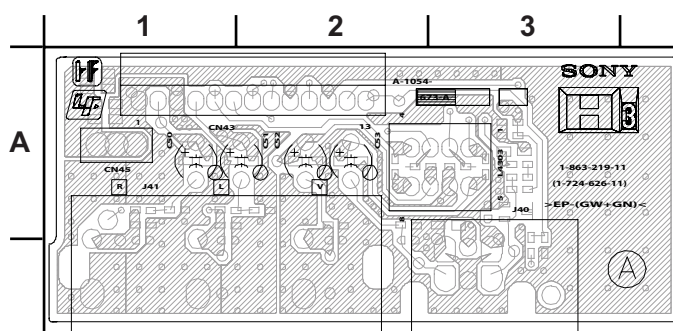
[POWER SWITCH, SIRCS]
CONDUCTOR SIDE



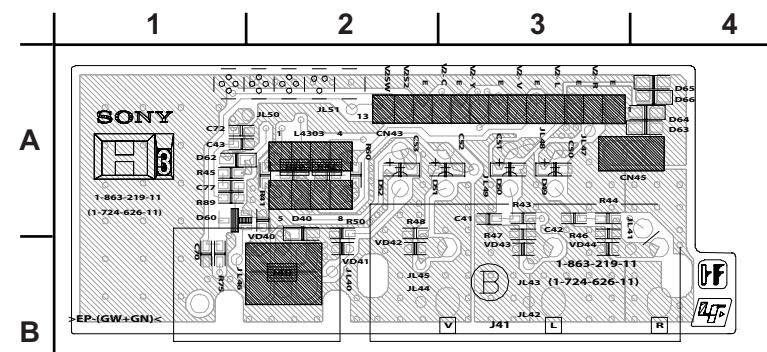
H3 BOARD SCHEMATIC DIAGRAM



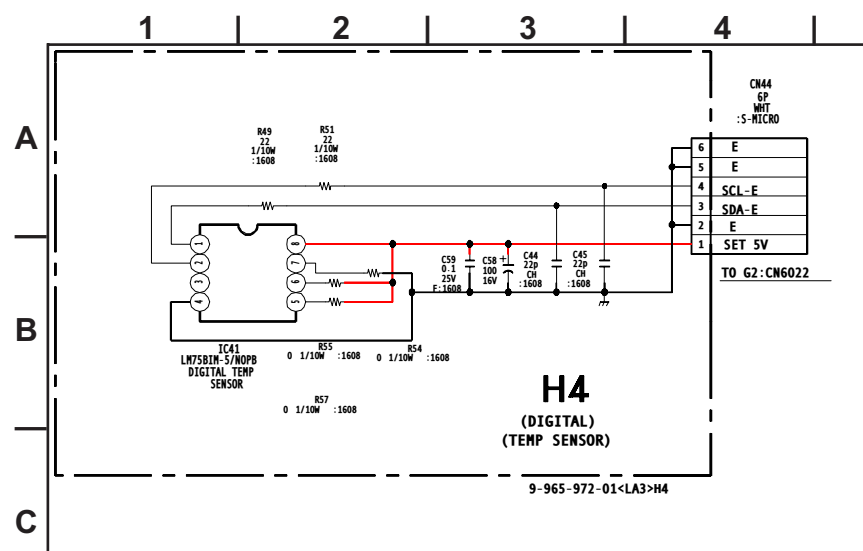
H3 [VIDEO 2 INPUT]
COMPONENT SIDE



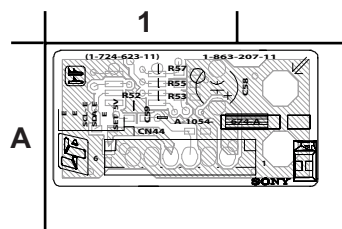
H3 [VIDEO 2 INPUT]
CONDUCTOR SIDE



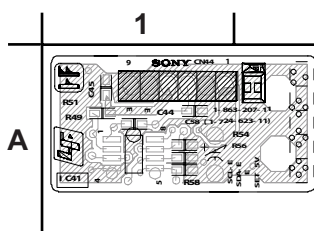
H4 BOARD SCHEMATIC DIAGRAM



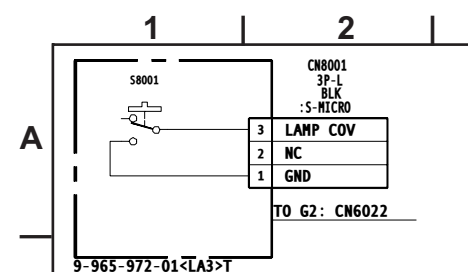
H4 [DIGITAL, TEMP SENSOR]
COMPONENT SIDE



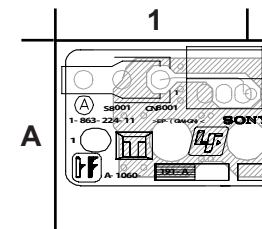
H4 [DIGITAL, TEMP SENSOR]
CONDUCTOR SIDE



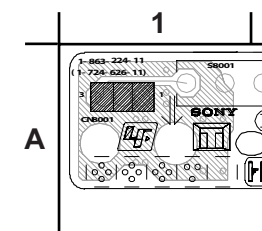
T BOARD SCHEMATIC DIAGRAM



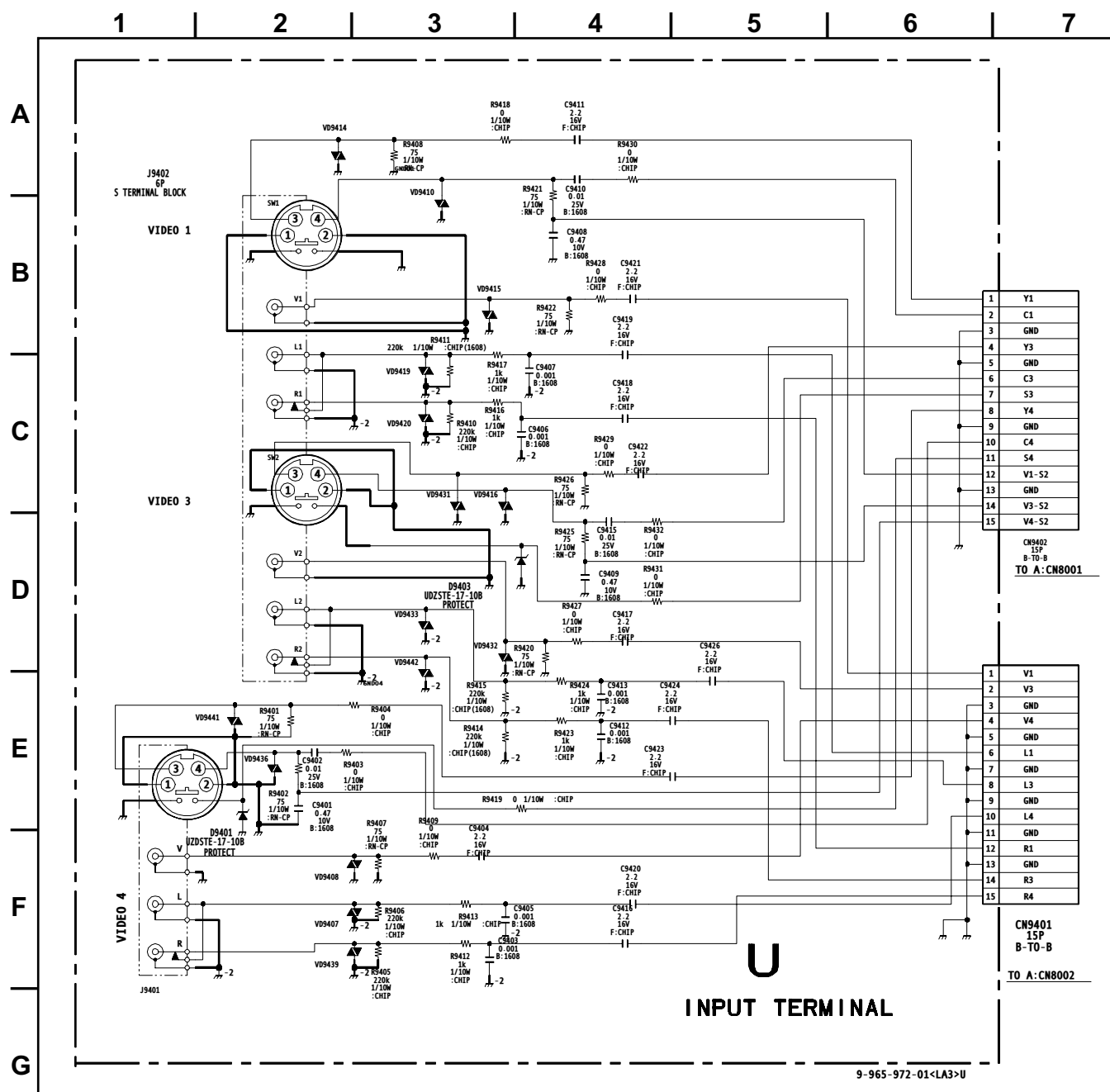
T [LAMP DOOR SWITCH]
COMPONENT SIDE



T [LAMP DOOR SWITCH]
CONDUCTOR SIDE



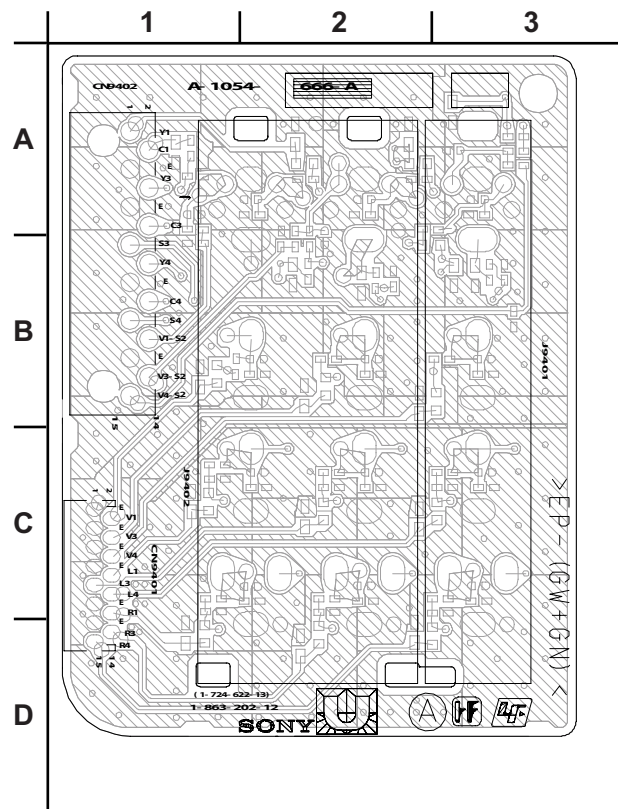
U BOARD SCHEMATIC DIAGRAM





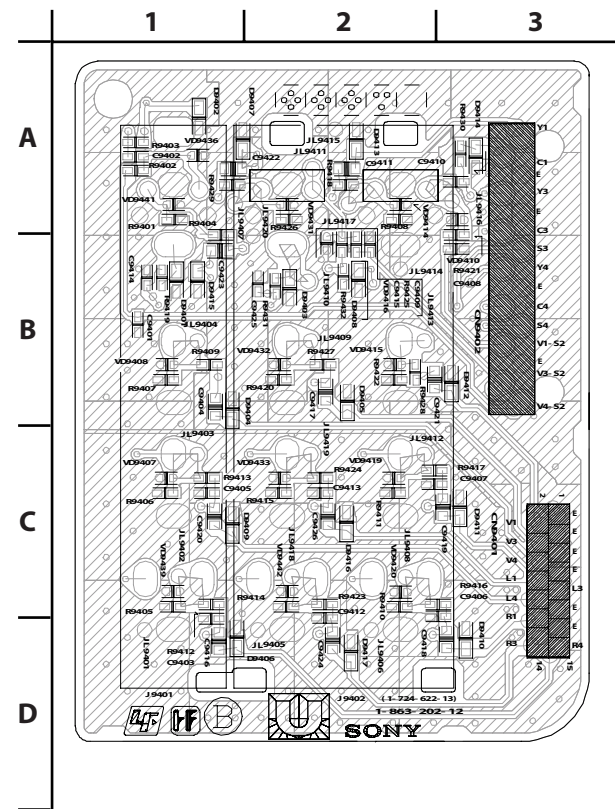
[INPUT TERMINAL]

COMPONENT SIDE

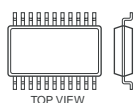


[INPUT TERMINAL]

CONDUCTOR SIDE

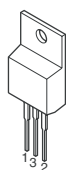


3-5. SEMICONDUCTORS



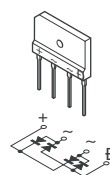
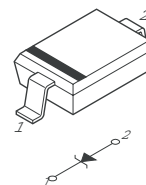
16Pin

CXA2069Q
NJW1149

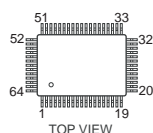


PQ07VZ012ZP

2SA1162-G
2SA1576A-T106-R
2SA1611-M5M6
2SC1623-L5L6
2SC4081-R
2SD601A-Q
DTA114EKA-T146
DTC114EK
DTC114EU
DTC143EKA-T146
DTC144EKA
DTC144EUA-T146

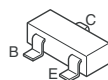
DAP202K
M1MA152WK-T1

SLR-325VCT31

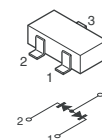


CXA2171AQ-T6

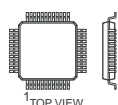
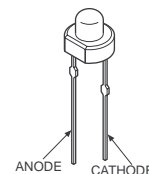
PQ30RV11
PQ30RV21
PQ30RV31



2SK2663



DE5SC3ML

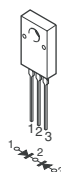


48Pin

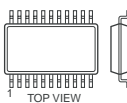
LM75CIMX-5
M24C02-WMN6T(A)
M24C16-WMN6T(A)
MAX4451EKA-TG069
NJM4558V-TE2

SN74CBTLV1G125DCKR

D10SC6M

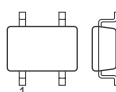


DTZ10B
HZU11B1TRF
MA111-TX
MA113-(TX)
UDZS-TE17-5.6B
UDZ-TE-17-4.3B
UDZ-TE-17-8.2B



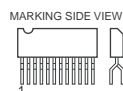
8Pin

M52055FP



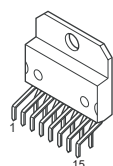
5Pin

TDA7265



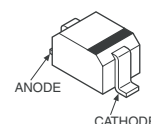
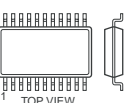
11Pin

TDA7296



UPC1093J-1-T

D1N20R
D1NS4
RD12SB2
RD18SB2
RD3.3SB2

ERA22-08
ERC04-06SE

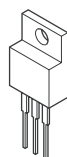
14Pin

MCZ3001DA



18Pin

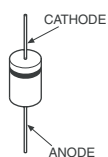
NJM78M12DL1A-TE2



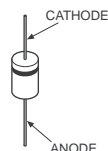
NJM79M12DL1A-TE1



D1NL20J-TR



D2SB60A-F04
D4SBL40
D4SBS6-F
D6SB60L




RD5.6SB2-T1
RD6.2SB2-T1
RD7.5SB2-T1


SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

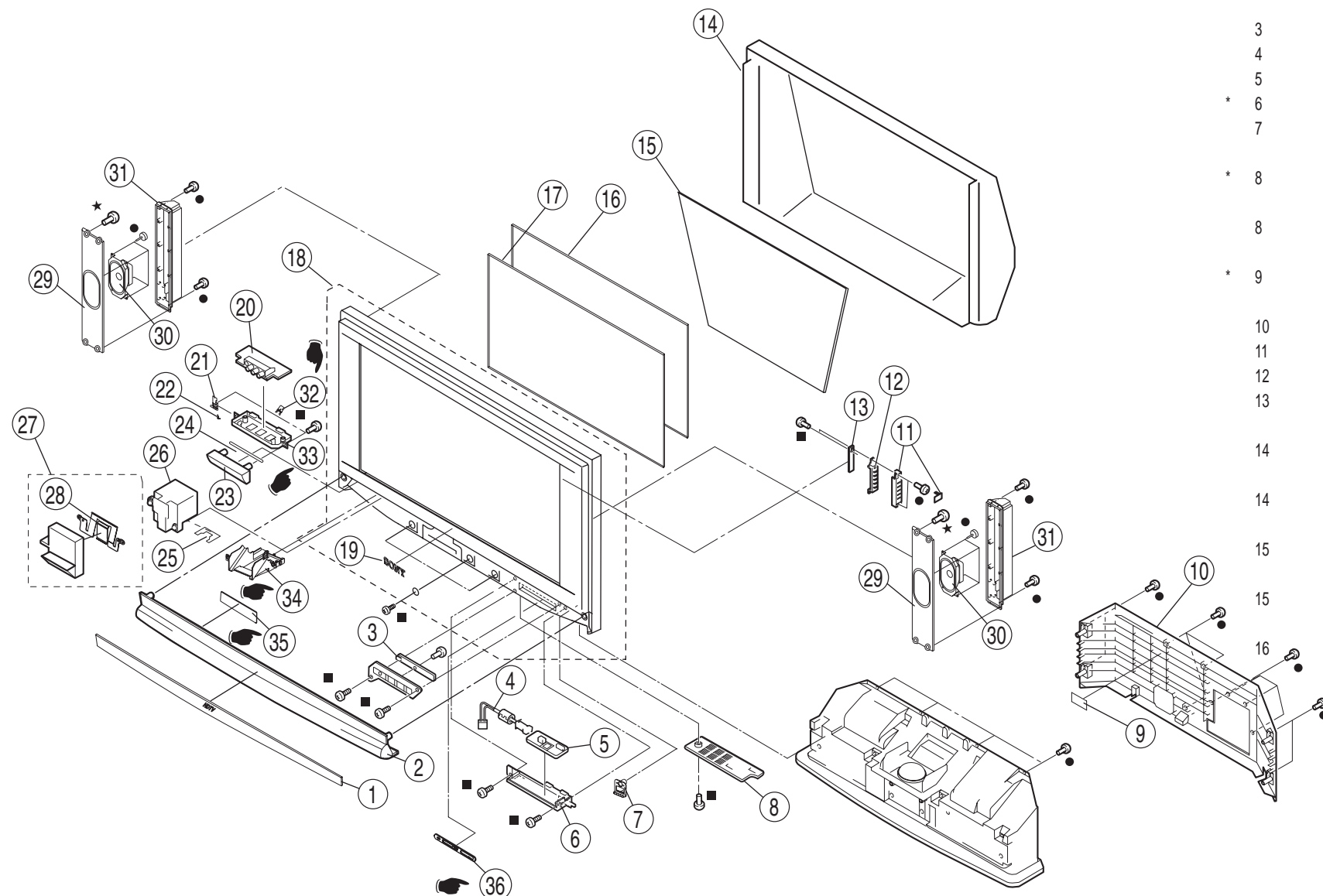
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-1. COVER

■ 7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
● 7-685-663-79	SCREW +BVTP 4X16 TYPE2 IT-3
★ 4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)

Caution:

When repairing anything inside the Screen Mirror Block Assembly be sure to clean the mirror and Diffusion Plate to remove any dust particles.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	2-024-421-01	PANEL (55), FRONT (KDF-55WF655 ONLY)		16	1-788-164-21	PLATE (60F), DIFFUSION (KDF-60WF655 ONLY)	
1	2-024-422-01	PANEL (60), FRONT (KDF-60WF655 ONLY)		17	1-788-160-41	PLATE, (55L) DIFFUSION (KDF-55WF655 ONLY)	
2	X-2021-878-1	COVER ASSY (55), FRONT (KDF-55WF655 ONLY)		17	1-788-161-61	PLATE, (60L) DIFFUSION (KDF-60WF655 ONLY)	
2	X-2021-917-2	COVER ASSY (60), FRONT (KDF-60WF655 ONLY)			7-632-661-51	BLACK ACETATE (2142) 23X50M TAPE FOR DIFFUSION PLATES (NOT SHOWN)	
3	A-1054-672-A	H2 BOARD, MOUNTED		18	A-1087-104-A	SCREEN FRAME ASSY (IRP)	[19]
4	1-792-826-21	CORD, CONNECTION				(KDF-55WF655 ONLY)	
5	A-1060-185-A	HM BOARD, COMPLETE		* 18	A-1087-107-A	SCREEN FRAME ASSY (IRP)	[19]
* 6	2-024-434-01	SHIELD, HM				(KDF-60WF655 ONLY)	
7	2-024-435-02	BUTTON, POWER		19	3-704-179-01	EMBLEM (NO.9), SONY	
* 8	2-024-426-01	COVER (55), CABLE (KDF-55WF655 ONLY)		20	A-1054-673-A	H3 BOARD, MOUNTED	
8	2-024-428-01	COVER (60), CABLE (KDF-60WF655 ONLY)		* 21	4-045-250-01	DAMPER	
* 9	2-159-576-01	CUSHION, ACOUSTIC (REAR)		22	2-055-626-01	SPRING (D), H3	
10	2-024-922-01	COVER, REAR		23	2-055-782-01	BRACKET (R), H3	
11	2-024-429-01	BRACKET, H1		24	2-102-482-01	LABEL, FRONT TERMINAL	
12	2-024-430-01	BUTTON, H1		25	2-055-920-01	SPRING, LAMP CASE	
13	A-1054-671-A	H1 BOARD, MOUNTED		△ *26	A-1085-447-A	LAMP BLOCK(RP) ASSY	
14	A-1087-105-A	MIRROR COVER ASSY (IRP) (KDF-55WF655 ONLY)		27	X-2021-364-1	DOOR ASSY, LAMP	[28]
14	A-1087-108-A	MIRROR COVER ASSY (IRP) (KDF-60WF655 ONLY)		* 28	2-024-926-01	SPRING, LAMP DOOR	
15	A-1087-106-A	MIRROR (55) ASSY (IRP) (KDF-55WF655 ONLY)		* 29	2-048-696-01	BOX (F), SPEAKER	
15	A-1087-109-A	MIRROR (60) ASSY (IRP) (KDF-60WF655 ONLY)		30	1-825-957-11	LOUDSPEAKER (13X7CM)	
16	1-788-163-21	PLATE (55F), DIFFUSION (KDF-55WF655 ONLY)		31	2-048-697-01	BOX (R), SPEAKER	
				✎ 32	4-091-144-01	CATCH, PUSH	
				✎ 33	2-055-783-01	SHIELD, H3	
				✎ 34	2-159-575-11	CUSHION, ACOUSTIC (FRONT)	
				✎ 35	2-055-932-01	GUIDE, LAMP CASE	
				✎ 36	2-024-432-01	PANEL, MS	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

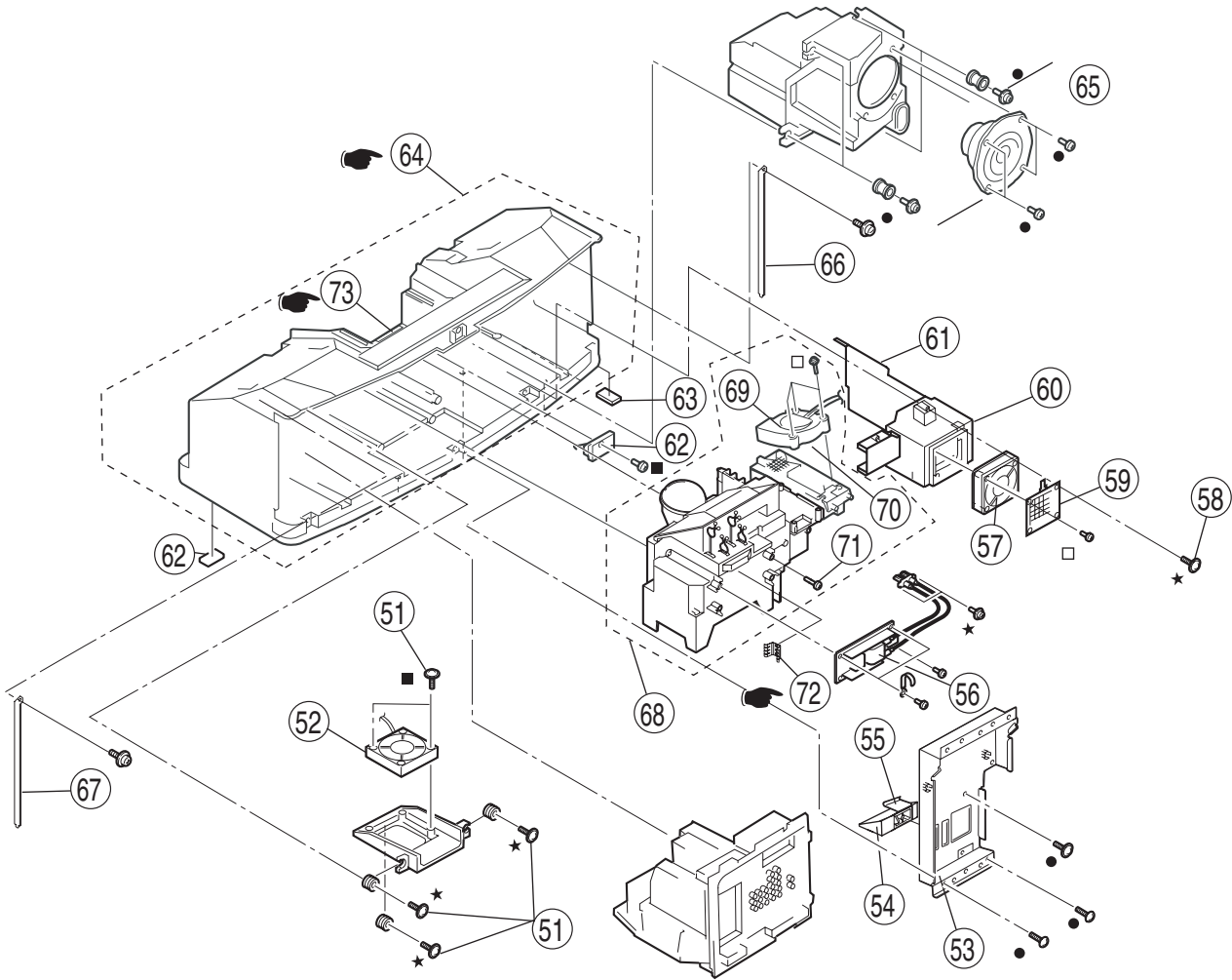
NOTE: Les composants identifiés par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

4-2. BOTTOM CABINET

- 7-685-648-79
- SCREW +BVTP 3X12 TYPE2 IT-3
- 7-685-663-79
- SCREW +BVTP 4X16 TYPE2 IT-3
- ★

4-302-404-03
- SCREW (WASHER HEAD) (+P 4X16)
- 4-064-929-02
- SCREW, TP+TWH 4X25

Caution:
When replacing the Optics Unit Block Assembly or the DC Fan be sure to remove any dust particles.



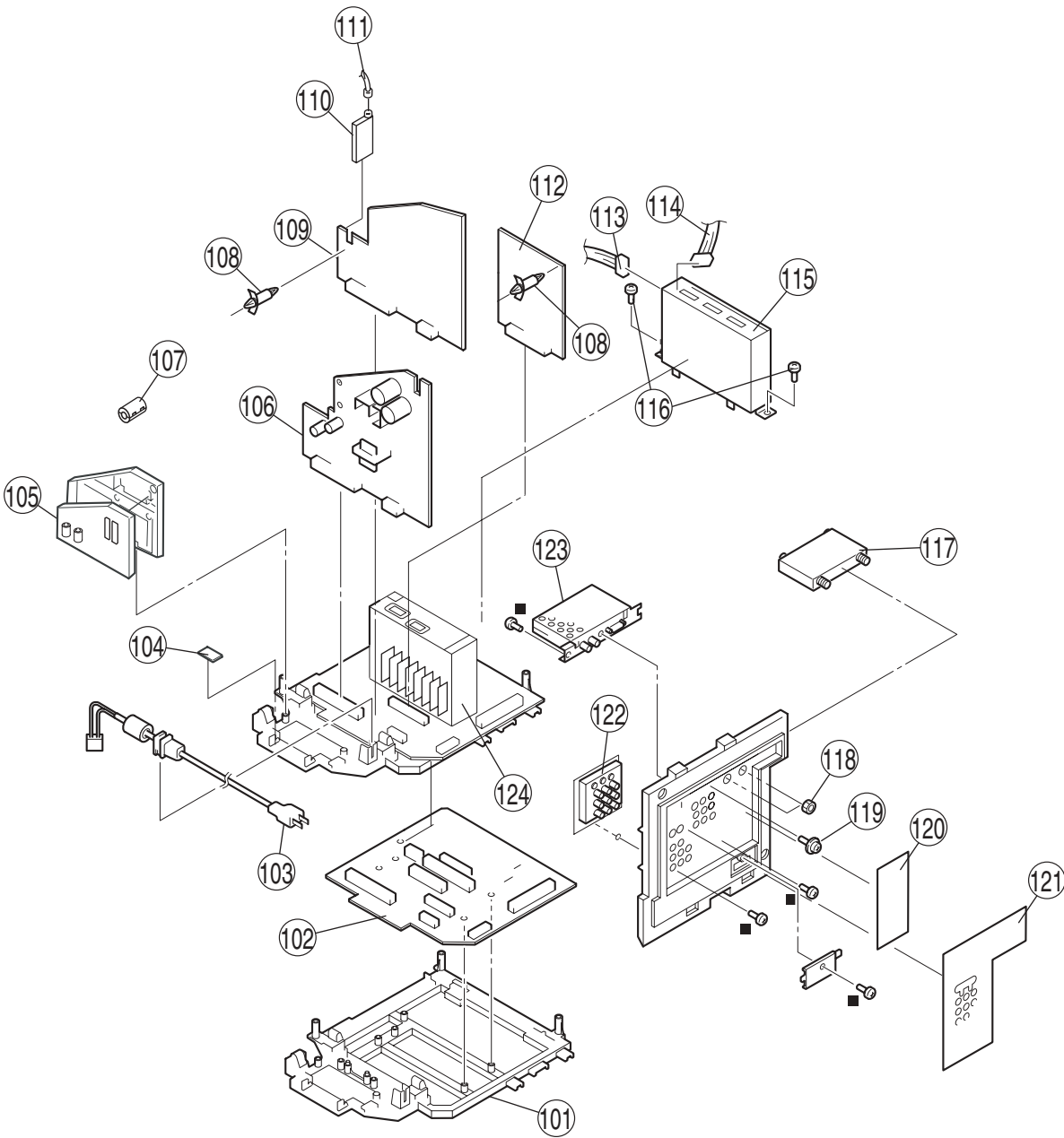
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)		62	A-1060-191-A	T BOARD, MOUNTED	
⚠ *52	1-787-081-11	FAN, DC		63	4-097-548-01	CUSHION, FOOT	
* 53	2-024-923-01	BRACKET, OU		64	X-2021-363-1	CABINET ASSY, BOTTOM	[73]
* 54	X-2021-365-1	ADJUSTER ASSY		65	1-825-970-11	LOUDSPEAKER (15CM)	
⚠ 56	1-468-875-11	POWER SUPPLY BLOCK		66	2-024-925-01	STAY (R), SIDE	
55	2-159-411-01	SPRING, OPT		67	2-024-924-01	STAY (L), SIDE	
⚠ *57	1-787-232-11	D.C. FAN		⚠ 68	A-1084-662-A	OPTICS UNIT BLOCK(IRP) ASSY (KDF-55WF655 ONLY)	[69-71]
58	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3		⚠ 68	A-1084-664-A	OPTICS UNIT BLOCK(IRP) ASSY (KDF-60WF655 ONLY)	[69-71]
59	2-055-936-01	PLATE, 120 FAN		69	2-055-931-01	DUCT, LAMP FAN	
* 60	2-055-928-01	FAN BRACKET, DUCT		70	1-787-065-11	D.C. FAN (SIROCCO)	
61	2-050-988-01	FAN BRACKET (2), DUCT		71	4-319-520-11	SCREW, SPECIAL (+PW4X30)	
				72	4-077-652-01	CUSHION (A)	
				73	2-055-353-01	SPRING, EMI C	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

4-3. CHASSIS

- 7-685-648-79
- SCREW +BVTP 3X12 TYPE2 IT-3



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
* 101	4-103-435-01	MAIN BRACKET		116	4-029-432-01	SCREW (3X12), (+) BVWHTP	
102	A-1060-178-B	G2 BOARD, COMPLETE		117	8-597-906-00	ANTENNA SWITCH RFD-SA801	
⚠ 103	1-791-192-21	CORD, NOISE FILTER WITH POWER		118	3-682-691-00	NUT, WASHER HEXAGON	
* 104	A-1054-674-A	H4 BOARD, MOUNTED		119	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
105	A-1060-176-A	F BOARD, COMPLETE		120	2-048-669-01	LABEL, TERMINAL (DIGITAL)	
106	A-1060-177-A	G1 BOARD, COMPLETE		121	2-048-668-01	LABEL, TERMINAL	
107	1-500-082-11	CLAMP, SLEEVE FERRITE		122	A-1054-666-A	U BOARD, MOUNTED	
* 108	4-092-047-01	CIRCUIT BOARD SUPPORTS		* 123	A-1068-754-A	P BOARD, COMPLETE	
109	A-1060-166-A	A BOARD, COMPLETE		124	A-1058-689-A	Q BOX ASSEMBLY	
110	8-598-594-10	TUNER, FSS BTF-FA421		The Q Box Assembly contains the QT Board, the QM Board, and the QU Board. These boards cannot be ordered separately.			
* 111	1-557-056-31	CABLE, P-P					
112	A-1060-187-A	KD BOARD, COMPLETE					
👉 113	1-910-004-95	17P CONNECTOR ASSY (LVDS CABLE)					
👉 114	1-910-004-94	17P CONNECTOR ASSY (LVDS CABLE)					
115	A-1060-168-E	B BOARD, COMPLETE					

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

RESISTORS



- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.



When ordering parts by reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
<div><div>U</div><div>* A-1054-666-A U BOARD, MOUNTED</div></div>						<div>CONNECTOR</div> <div>CN94011-778-398-11CONNECTOR, BOARD TO BOARD15P</div> <div>* CN94021-691-632-22CONNECTOR, BOARD TO BOARD15P</div>						
<div>CAPACITOR</div>						<div>DIODE</div> <div>D94018-719-977-28DIODEDTZ10B</div> <div>D94038-719-977-28DIODEDTZ10B</div>						
<div>C94011-125-891-11CERAMIC CHIP0.47μF10%10V</div>						<div>JACK</div> <div>J94011-774-748-11TERMINAL BLOCK, S</div> <div>J94021-573-967-12BLOCK, (S) TERMINAL</div>						
<div>C94021-162-970-11CERAMIC CHIP0.01μF10%25V</div>						<div>RESISTOR</div> <div>R94011-218-665-11METAL CHIP750.50%1/10W</div> <div>R94021-218-665-11METAL CHIP750.50%1/10W</div> <div>R94031-216-864-11SHORT CHIP</div> <div>R94041-216-864-11SHORT CHIP</div> <div>R94051-216-849-11METAL CHIP220K5%1/10W</div> <div>R94061-216-849-11METAL CHIP220K5%1/10W</div> <div>R94071-218-665-11METAL CHIP750.50%1/10W</div> <div>R94081-218-665-11METAL CHIP750.50%1/10W</div> <div>R94091-216-864-11SHORT CHIP</div> <div>R94101-216-849-11METAL CHIP220K5%1/10W</div> <div>R94111-216-849-11METAL CHIP220K5%1/10W</div> <div>R94121-216-821-11METAL CHIP1K5%1/10W</div> <div>R94131-216-821-11METAL CHIP1K5%1/10W</div> <div>R94141-216-849-11METAL CHIP220K5%1/10W</div> <div>R94151-216-849-11METAL CHIP220K5%1/10W</div> <div>R94161-216-821-11METAL CHIP1K5%1/10W</div> <div>R94171-216-821-11METAL CHIP1K5%1/10W</div> <div>R94181-216-864-11SHORT CHIP</div>						
<div>C94031-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94041-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94051-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94061-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94071-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94081-125-891-11CERAMIC CHIP0.47μF10%10V</div>												
<div>C94091-125-891-11CERAMIC CHIP0.47μF10%10V</div>												
<div>C94101-162-970-11CERAMIC CHIP0.01μF10%25V</div>												
<div>C94111-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94121-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94131-162-964-11CERAMIC CHIP0.001μF10%50V</div>												
<div>C94151-162-970-11CERAMIC CHIP0.01μF10%25V</div>												
<div>C94161-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94171-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94181-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94191-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94201-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94211-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94221-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94231-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94241-164-505-11CERAMIC CHIP2.2μF16V</div>												
<div>C94261-164-505-11CERAMIC CHIP2.2μF16V</div>												



REF. NO.	PART NO.	DESCRIPTION	VALUES				REF. NO.	PART NO.	DESCRIPTION	VALUES				
R9419	1-216-864-11	SHORT CHIP						*	A-1054-674-A	H4 BOARD, MOUNTED				
R9420	1-218-665-11	METAL CHIP	75	0.50%	1/10W									
R9421	1-218-665-11	METAL CHIP	75	0.50%	1/10W									
R9422	1-218-665-11	METAL CHIP	75	0.50%	1/10W									
R9423	1-216-821-11	METAL CHIP	1K	5%	1/10W									
R9424	1-216-821-11	METAL CHIP	1K	5%	1/10W									
R9425	1-218-665-11	METAL CHIP	75	0.50%	1/10W									
R9426	1-218-665-11	METAL CHIP	75	0.50%	1/10W									
R9427	1-216-864-11	SHORT CHIP												
R9428	1-216-864-11	SHORT CHIP												
R9429	1-216-864-11	SHORT CHIP												
R9430	1-216-864-11	SHORT CHIP												
R9431	1-216-864-11	SHORT CHIP												
R9432	1-216-864-11	SHORT CHIP												
<u>VARISTOR</u>														
VD9407	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9408	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9410	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9414	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9415	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9416	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9419	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9420	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9431	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9432	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9433	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9436	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9439	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9441	1-803-974-21	VARISTOR, CHIP	(1608)											
VD9442	1-803-974-21	VARISTOR, CHIP	(1608)											
														
*														
A-1060-166-A														
A BOARD, COMPLETE														
<u>CAPACITOR</u>														
C8002	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V									
C8003	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V									
C8004	1-162-913-11	CERAMIC CHIP	8pF	0.50pF	50V									
C8005	1-117-720-11	CERAMIC CHIP	4.7µF		10V									
C8006	1-135-960-91	CERAMIC CHIP	10µF	10%	25V									



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8007	1-164-360-11	CERAMIC CHIP	0.1μF		16V	C8065	1-162-913-11	CERAMIC CHIP	8pF	0.50pF	50V
C8008	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8066	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8009	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8067	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8010	1-127-931-21	ELECT CHIP	470μF	20%	16V	C8068	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8011	1-127-931-21	ELECT CHIP	470μF	20%	16V	C8069	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8012	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8070	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8013	1-117-720-11	CERAMIC CHIP	4.7μF		10V	C8071	1-164-505-11	CERAMIC CHIP	2.2μF		16V
C8014	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8072	1-164-505-11	CERAMIC CHIP	2.2μF		16V
C8015	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8073	1-117-720-11	CERAMIC CHIP	4.7μF		10V
C8016	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8074	1-164-505-11	CERAMIC CHIP	2.2μF		16V
C8018	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8075	1-164-505-11	CERAMIC CHIP	2.2μF		16V
C8019	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8076	1-164-505-11	CERAMIC CHIP	2.2μF		16V
C8021	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8077	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8022	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C8078	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8030	1-128-407-11	ELECT CHIP	47μF	20%	50V	C8080	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8031	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8081	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8032	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8082	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8033	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8083	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8036	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8084	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C8037	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8085	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C8041	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8086	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C8042	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8087	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C8043	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8088	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C8044	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8089	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C8045	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8090	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C8046	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8091	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C8047	1-128-994-21	ELECT CHIP	47μF	20%	10V	C8092	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8048	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8093	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8049	1-164-505-11	CERAMIC CHIP	2.2μF		16V	C8094	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8050	1-164-505-11	CERAMIC CHIP	2.2μF		16V	C8095	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8051	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C8096	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8052	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8097	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8053	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V	C8098	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8054	1-115-156-11	CERAMIC CHIP	1μF		10V	C8099	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8055	1-162-961-11	CERAMIC CHIP	330pF	10%	50V	C8100	1-117-720-11	CERAMIC CHIP	4.7μF		10V
C8056	1-127-804-91	CERAMIC CHIP	100pF	1%	50V	C8101	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8057	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V	C8107	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C8058	1-115-156-11	CERAMIC CHIP	1μF		10V	C8108	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8059	1-164-230-11	CERAMIC CHIP	220pF	5%	50V	C8200	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V
C8061	1-109-982-11	CERAMIC CHIP	1μF	10%	10V	C8201	1-128-996-11	ELECT CHIP	4.7μF	20%	50V
C8062	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8202	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8063	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8203	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8064	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8204	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8325	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8205	1-164-360-11	CERAMIC CHIP	0.1μF		16V	C8326	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8206	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8327	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8207	1-164-230-11	CERAMIC CHIP	220pF	5%	50V	C8328	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C8208	1-164-230-11	CERAMIC CHIP	220pF	5%	50V	C8329	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8209	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C8330	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8210	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C8331	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8220	1-136-167-00	FILM	0.15μF	5%	50V	C8332	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C8221	1-136-159-00	FILM	0.033μF	5%	50V	C8333	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8222	1-136-167-00	FILM	0.15μF	5%	50V	C8334	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8223	1-136-159-00	FILM	0.033μF	5%	50V	C8335	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8224	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C8336	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C8225	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8337	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C8226	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C8338	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C8227	1-128-992-21	ELECT CHIP	47μF	20%	25V	C8339	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C8228	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C8340	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C8229	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C8341	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8230	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C8342	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8231	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C8343	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C8232	1-136-161-00	FILM	0.047μF	5%	50V	C8346	1-100-118-21	ELECT CHIP	82μF	20%	16V
C8233	1-136-161-00	FILM	0.047μF	5%	50V	C8347	1-100-118-21	ELECT CHIP	82μF	20%	16V
C8301	1-127-931-21	ELECT CHIP	470μF	20%	16V	C8350	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8302	1-162-917-11	CERAMIC CHIP	15pF	5%	50V	C8351	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C8303	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8352	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C8304	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8353	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8305	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	C8354	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8306	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C8355	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C8307	1-100-118-21	ELECT CHIP	82μF	20%	16V	C8356	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C8308	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8357	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C8309	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8358	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8310	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8359	1-110-530-11	ELECT CHIP	1000μF	20%	6.3V
C8311	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8360	1-110-530-11	ELECT CHIP	1000μF	20%	6.3V
C8312	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C8361	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8313	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8362	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8314	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8365	1-128-996-11	ELECT CHIP	4.7μF	20%	50V
C8315	1-164-677-11	CERAMIC CHIP	0.033μF	10%	16V	C8366	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8316	1-164-677-11	CERAMIC CHIP	0.033μF	10%	16V	C8367	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8319	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8368	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C8320	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8369	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C8321	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8370	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C8322	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C8372	1-128-996-11	ELECT CHIP	4.7μF	20%	50V
C8323	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C8373	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C8324	1-162-967-11	CERAMIC CHIP	0.0033μF	10%	50V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8374	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V	C8586	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8375	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C8587	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C8376	1-162-919-11	CERAMIC CHIP	22pF	5%	50V	C8588	1-128-996-11	ELECT CHIP	4.7μF	20%	50V
C8377	1-162-924-11	CERAMIC CHIP	56pF	5%	50V	C8589	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8409	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8590	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8410	1-162-974-11	CERAMIC CHIP	0.01μF		50V	C8591	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8422	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8592	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8531	1-128-357-11	ELECT CHIP	10μF	20%	16V	C8593	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8532	1-128-357-11	ELECT CHIP	10μF	20%	16V	C8594	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8544	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8596	1-136-157-00	FILM	0.022μF	5%	50V
C8545	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8597	1-136-167-00	FILM	0.15μF	5%	50V
C8548	1-127-931-21	ELECT CHIP	470μF	20%	16V	C8598	1-130-471-00	MYLAR	0.001μF	5%	50V
C8550	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8599	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8551	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8600	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8552	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8601	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8553	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C8602	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8559	1-127-931-21	ELECT CHIP	470μF	20%	16V	C8603	1-126-193-11	ELECT CHIP	1μF	20%	50V
C8560	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8604	1-130-469-00	MYLAR	680pF	5%	50V
C8561	1-136-167-00	FILM	0.15μF	5%	50V	C8605	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C8562	1-130-469-00	MYLAR	680pF	5%	50V	C8606	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C8563	1-136-157-00	FILM	0.022μF	5%	50V	C8609	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8564	1-130-471-00	MYLAR	0.001μF	5%	50V	C8610	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8565	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	C8611	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8566	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8613	1-136-159-00	FILM	0.033μF	5%	50V
C8567	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C8614	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8568	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8616	1-128-994-21	ELECT CHIP	47μF	20%	10V
C8569	1-128-934-91	CERAMIC CHIP	0.33μF	20%	10V	C8617	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8570	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8618	1-137-190-91	FILM	0.22μF	5%	50V
C8571	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V	C8621	1-136-159-00	FILM	0.033μF	5%	50V
C8572	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8622	1-137-190-91	FILM	0.22μF	5%	50V
C8573	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8701	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8574	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8702	1-127-692-11	CERAMIC CHIP	10μF	10%	16V
C8575	1-126-193-11	ELECT CHIP	1μF	20%	50V	C8703	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8576	1-126-193-11	ELECT CHIP	1μF	20%	50V	C8704	1-127-931-21	ELECT CHIP	470μF	20%	16V
C8577	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8705	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C8578	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	CONNECTOR					
C8579	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	* CN8001	1-691-616-21	CONNECTOR, BOARD TO BOARD			15P
C8580	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	* CN8002	1-580-974-11	CONNECTOR, BOARD TO BOARD			
C8581	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	* CN8003	1-818-749-11	PIN, CONNECTOR			16P
C8582	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	* CN8004	1-818-748-11	PIN, CONNECTOR			14P
C8583	1-126-767-11	ELECT	1000μF	20%	16V	* CN8005	1-816-958-11	DIN CONNECTOR (PLUG)			96P
C8584	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V						
C8585	1-126-767-11	ELECT	1000μF	20%	16V						



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
* CN8006	1-778-959-11	CONNECTOR,BOARD TO BOARD	6P	<u>FILTER</u>			
* CN8008	1-785-532-11	PIN, CONNECTOR (PC BOARD)	14P	FL8001	1-239-848-21	FILTER, LOW PASS	
* CN8009	1-564-507-11	PLUG, CONNECTOR	4P	FL8002	1-239-848-21	FILTER, LOW PASS	
CN8039	1-695-915-11	TAB (CONTACT)		FL8003	1-239-848-21	FILTER, LOW PASS	
CN8041	1-695-915-11	TAB (CONTACT)		<u>IC</u>			
<u>DIODE</u>				IC8001	8-753-204-12	IC	CXA2209Q-T6
D8001	8-719-977-28	DIODE	DTZ10B	IC8002	6-706-805-01	IC	TL52055DR
D8002	8-719-977-28	DIODE	DTZ10B	IC8200	8-759-278-58	IC	NJM4558V-TE2
D8003	8-719-914-43	DIODE	DAN202K	IC8220	8-759-278-58	IC	NJM4558V-TE2
D8006	8-719-977-28	DIODE	DTZ10B	IC8301	8-752-394-69	IC	CXD2073Q-T4
D8007	8-719-977-28	DIODE	DTZ10B				
D8008	8-719-977-28	DIODE	DTZ10B	IC8302	6-702-510-01	IC	TPS5120DBTR
D8009	8-719-977-28	DIODE	DTZ10B	IC8303	8-752-102-21	IC	CXA2103AQ
D8010	8-719-977-28	DIODE	DTZ10B	IC8502	8-752-107-98	IC	CXA2188Q-T4
D8011	8-719-977-28	DIODE	DTZ10B	IC8504	6-702-716-01	IC	NJW1149
D8023	8-719-158-02	DIODE	RD3.9SB2	IC8505	8-759-278-58	IC	NJM4558V-TE2
D8200	8-719-041-97	DIODE	MA113-(TX)	IC8506	8-759-278-58	IC	NJM4558V-TE2
D8201	8-719-081-97	DIODE	MMDL914T1	IC8701	6-704-407-01	IC	PQ1CZ41H2ZPH
D8202	8-719-041-97	DIODE	MA113-(TX)	<u>JACK</u>			
D8203	8-719-977-28	DIODE	DTZ10B	J8001	1-565-790-21	JACK, SMALL TYPE	2P
D8204	8-719-050-37	DIODE	M1MA152WA-T1	* J8002	1-818-708-11	JACK, PIN	6P
D8205	8-719-914-43	DIODE	DAN202K	* J8004	1-818-709-11	PHONO JACK	6P
D8301	8-719-081-67	DIODE	M1FM3	<u>COIL</u>			
D8302	8-719-081-67	DIODE	M1FM3	L8001	1-400-397-11	INDUCTOR	10μH
D8305	8-719-056-78	DIODE	UDZ-TE-17-4.3B	L8002	1-400-397-11	INDUCTOR	10μH
D8306	8-719-056-78	DIODE	UDZ-TE-17-4.3B	L8003	1-469-555-21	INDUCTOR	10μH
D8307	8-719-081-97	DIODE	MMDL914T1	L8004	1-469-320-21	INDUCTOR	100μH
D8308	8-719-081-97	DIODE	MMDL914T1	L8006	1-469-317-21	INDUCTOR	10μH
D8501	8-719-071-74	DIODE	HZU11B1TRF	L8008	1-469-320-21	INDUCTOR	100μH
D8701	8-719-080-41	DIODE	RB063L-30TE25	L8010	1-414-856-11	INDUCTOR	10μH
D8702	6-500-294-01	DIODE	PTZ-TE25-3.9B	L8011	1-414-856-11	INDUCTOR	10μH
<u>FERRITE BEAD</u>				L8015	1-400-397-11	INDUCTOR	10μH
FB8003	1-414-228-11	FERRITE	0μH	L8016	1-400-397-11	INDUCTOR	10μH
FB8004	1-216-295-91	SHORT CHIP		L8017	1-414-856-11	INDUCTOR	10μH
FB8005	1-216-295-91	SHORT CHIP		L8018	1-414-856-11	INDUCTOR	10μH
FB8006	1-216-295-91	SHORT CHIP		L8019	1-414-856-11	INDUCTOR	10μH
FB8007	1-216-295-91	SHORT CHIP		L8301	1-400-397-11	INDUCTOR	10μH
FB8012	1-414-233-22	FERRITE	0μH	L8302	1-424-789-41	INDUCTOR	10μH
FB8013	1-414-233-22	FERRITE	0μH				
FB8016	1-414-229-11	FERRITE	0μH				
FB8017	1-414-229-11	FERRITE	0μH				



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L8303	1-400-397-11	INDUCTOR	10μH	Q8033	8-729-010-25	TRANSISTOR	MSD601-RT1
L8304	1-400-397-11	INDUCTOR	10μH	Q8034	8-729-010-25	TRANSISTOR	MSD601-RT1
L8305	1-424-789-41	INDUCTOR	10μH	Q8200	8-729-216-22	TRANSISTOR	2SA1162-G
L8306	1-424-789-41	INDUCTOR	10μH	Q8201	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L8307	1-400-397-11	INDUCTOR	10μH	Q8202	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L8308	1-424-789-41	INDUCTOR	10μH	Q8203	8-729-216-22	TRANSISTOR	2SA1162-G
L8309	1-424-789-41	INDUCTOR	10μH	Q8204	8-729-010-25	TRANSISTOR	MSD601-RT1
L8310	1-400-397-11	INDUCTOR	10μH	Q8220	8-729-010-25	TRANSISTOR	MSD601-RT1
L8311	1-412-005-11	INDUCTOR	8.2μH	Q8221	8-729-010-25	TRANSISTOR	MSD601-RT1
L8401	1-469-555-21	INDUCTOR	10μH	Q8222	8-729-010-25	TRANSISTOR	MSD601-RT1
L8502	1-400-397-11	INDUCTOR	10μH	Q8223	8-729-010-25	TRANSISTOR	MSD601-RT1
L8503	1-400-397-11	INDUCTOR	10μH	Q8301	8-729-010-05	TRANSISTOR	MSB709-RT1
L8504	1-414-187-11	INDUCTOR	47μH	Q8302	8-729-010-25	TRANSISTOR	MSD601-RT1
L8505	1-469-555-21	INDUCTOR	10μH	Q8303	8-729-010-25	TRANSISTOR	MSD601-RT1
L8701	1-416-344-11	INDUCTOR	10μH	Q8304	8-729-010-05	TRANSISTOR	MSB709-RT1
L8702	1-400-323-21	INDUCTOR	47μH	Q8305	8-729-010-25	TRANSISTOR	MSD601-RT1
TRANSISTOR				Q8306	8-729-010-25	TRANSISTOR	MSD601-RT1
Q8001	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8307	8-729-010-25	TRANSISTOR	MSD601-RT1
Q8002	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8308	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8003	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8309	8-729-010-25	TRANSISTOR	MSD601-RT1
Q8004	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8310	8-729-010-25	TRANSISTOR	MSD601-RT1
Q8005	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8311	6-550-222-01	TRANSISTOR	IRF7335D1-TR
Q8006	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8312	6-550-222-01	TRANSISTOR	IRF7335D1-TR
Q8007	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8313	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8008	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8401	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8009	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8402	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8010	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8410	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8011	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8411	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8012	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8412	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8013	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8413	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8015	8-729-122-63	TRANSISTOR	2SA1226-E4	Q8414	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8017	8-729-122-63	TRANSISTOR	2SA1226-E4	Q8415	8-729-010-05	TRANSISTOR	MSB709-RT1
Q8022	8-729-122-63	TRANSISTOR	2SA1226-E4	Q8416	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8023	8-729-422-33	TRANSISTOR	2SD601A-Q-TX	Q8501	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8024	8-729-010-05	TRANSISTOR	MSB709-RT1	Q8502	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8026	8-729-010-25	TRANSISTOR	MSD601-RT1	Q8503	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
Q8027	8-729-422-33	TRANSISTOR	2SD601A-Q-TX	RESISTOR			
Q8028	8-729-010-05	TRANSISTOR	MSB709-RT1	R8004	1-216-853-11	METAL CHIP	470K 5% 1/10W
Q8029	8-729-216-22	TRANSISTOR	2SA1162-G	R8005	1-216-853-11	METAL CHIP	470K 5% 1/10W
Q8030	8-729-216-22	TRANSISTOR	2SA1162-G	R8006	1-216-864-11	SHORT CHIP	
Q8031	8-729-010-05	TRANSISTOR	MSB709-RT1	R8007	1-216-864-11	SHORT CHIP	
Q8032	8-729-010-25	TRANSISTOR	MSD601-RT1	R8008	1-216-864-11	SHORT CHIP	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8009	1-216-853-11	METAL CHIP	470K	5%	1/10W	R8056	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8010	1-216-853-11	METAL CHIP	470K	5%	1/10W	R8057	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R8013	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8014	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8059	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8015	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8060	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8016	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8061	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R8017	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8063	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8018	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8064	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8019	1-216-864-11	SHORT CHIP				R8066	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8020	1-216-864-11	SHORT CHIP				R8068	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8021	1-216-853-11	METAL CHIP	470K	5%	1/10W	R8069	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8022	1-216-853-11	METAL CHIP	470K	5%	1/10W	R8070	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8023	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8071	1-216-809-11	METAL CHIP	100	5%	1/10W
R8024	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8072	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8025	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8073	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8026	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8074	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R8027	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8075	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8028	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8076	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8029	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8077	1-216-813-11	METAL CHIP	220	5%	1/10W
R8030	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8078	1-216-801-11	METAL CHIP	22	5%	1/10W
R8031	1-216-864-11	SHORT CHIP				R8079	1-216-801-11	METAL CHIP	22	5%	1/10W
R8032	1-216-864-11	SHORT CHIP				R8080	1-216-809-11	METAL CHIP	100	5%	1/10W
R8033	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8081	1-216-809-11	METAL CHIP	100	5%	1/10W
R8034	1-216-808-11	METAL CHIP	82	5%	1/10W	R8082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8035	1-216-807-11	METAL CHIP	68	5%	1/10W	R8083	1-216-809-11	METAL CHIP	100	5%	1/10W
R8036	1-216-809-11	METAL CHIP	100	5%	1/10W	R8084	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8037	1-216-809-11	METAL CHIP	100	5%	1/10W	R8085	1-216-809-11	METAL CHIP	100	5%	1/10W
R8039	1-216-809-11	METAL CHIP	100	5%	1/10W	R8086	1-216-809-11	METAL CHIP	100	5%	1/10W
R8040	1-216-819-11	METAL CHIP	680	5%	1/10W	R8087	1-216-809-11	METAL CHIP	100	5%	1/10W
R8041	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8088	1-216-809-11	METAL CHIP	100	5%	1/10W
R8042	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8089	1-216-809-11	METAL CHIP	100	5%	1/10W
R8043	1-216-809-11	METAL CHIP	100	5%	1/10W	R8091	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8044	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8092	1-216-809-11	METAL CHIP	100	5%	1/10W
R8046	1-218-665-11	METAL CHIP	75	0.50%	1/10W	R8093	1-216-809-11	METAL CHIP	100	5%	1/10W
R8047	1-216-819-11	METAL CHIP	680	5%	1/10W	R8094	1-216-809-11	METAL CHIP	100	5%	1/10W
R8048	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8049	1-216-864-11	SHORT CHIP				R8096	1-216-809-11	METAL CHIP	100	5%	1/10W
R8050	1-216-864-11	SHORT CHIP				R8097	1-216-809-11	METAL CHIP	100	5%	1/10W
R8051	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8098	1-216-809-11	METAL CHIP	100	5%	1/10W
R8052	1-216-864-11	SHORT CHIP				R8099	1-216-809-11	METAL CHIP	100	5%	1/10W
R8053	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8100	1-216-809-11	METAL CHIP	100	5%	1/10W
R8054	1-216-811-11	METAL CHIP	150	5%	1/10W	R8101	1-216-809-11	METAL CHIP	100	5%	1/10W
R8055	1-216-817-11	METAL CHIP	470	5%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8102	1-216-809-11	METAL CHIP	100	5%	1/10W	R8155	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8103	1-216-809-11	METAL CHIP	100	5%	1/10W	R8156	1-216-849-11	METAL CHIP	220K	5%	1/10W
R8104	1-216-809-11	METAL CHIP	100	5%	1/10W						
R8105	1-216-809-11	METAL CHIP	100	5%	1/10W	R8158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8106	1-216-809-11	METAL CHIP	100	5%	1/10W	R8159	1-216-849-11	METAL CHIP	220K	5%	1/10W
						R8161	1-216-849-11	METAL CHIP	220K	5%	1/10W
R8107	1-216-809-11	METAL CHIP	100	5%	1/10W	R8162	1-216-813-11	METAL CHIP	220	5%	1/10W
R8108	1-216-809-11	METAL CHIP	100	5%	1/10W	R8163	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8109	1-216-809-11	METAL CHIP	100	5%	1/10W						
R8110	1-216-809-11	METAL CHIP	100	5%	1/10W	R8165	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8111	1-216-809-11	METAL CHIP	100	5%	1/10W	R8167	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R8168	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8112	1-216-809-11	METAL CHIP	100	5%	1/10W	R8171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8113	1-216-809-11	METAL CHIP	100	5%	1/10W	R8172	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8114	1-216-809-11	METAL CHIP	100	5%	1/10W						
R8115	1-216-809-11	METAL CHIP	100	5%	1/10W	R8173	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8117	1-216-861-11	METAL CHIP	2.2M	5%	1/10W	R8176	1-216-864-11	SHORT CHIP			
						R8178	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8119	1-216-864-11	SHORT CHIP				R8179	1-216-847-11	METAL CHIP	150K	5%	1/10W
R8120	1-216-864-11	SHORT CHIP				R8182	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8121	1-216-864-11	SHORT CHIP									
R8122	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8190	1-216-809-11	METAL CHIP	100	5%	1/10W
R8123	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8191	1-216-809-11	METAL CHIP	100	5%	1/10W
						R8200	1-216-864-11	SHORT CHIP			
R8124	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8126	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8202	1-216-864-11	SHORT CHIP			
R8127	1-216-801-11	METAL CHIP	22	5%	1/10W						
R8128	1-216-801-11	METAL CHIP	22	5%	1/10W	R8203	1-216-836-11	METAL CHIP	18K	5%	1/10W
R8130	1-216-864-11	SHORT CHIP				R8204	1-216-838-11	METAL CHIP	27K	5%	1/10W
						R8205	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8131	1-216-809-11	METAL CHIP	100	5%	1/10W	R8206	1-216-864-11	SHORT CHIP			
R8137	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R8207	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8138	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R8139	1-216-839-11	METAL CHIP	33K	5%	1/10W	R8208	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8140	1-216-837-11	METAL CHIP	22K	5%	1/10W	R8209	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
						R8210	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R8141	1-216-847-11	METAL CHIP	150K	5%	1/10W	R8211	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8142	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8143	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R8144	1-218-678-11	METAL CHIP	270	0.50%	1/10W	R8213	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8145	1-218-678-11	METAL CHIP	270	0.50%	1/10W	R8214	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
						R8215	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8146	1-218-678-11	METAL CHIP	270	0.50%	1/10W	R8216	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R8147	1-218-678-11	METAL CHIP	270	0.50%	1/10W	R8217	1-216-809-11	METAL CHIP	100	5%	1/10W
R8148	1-218-678-11	METAL CHIP	270	0.50%	1/10W						
R8149	1-218-678-11	METAL CHIP	270	0.50%	1/10W	R8218	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8150	1-216-857-11	METAL CHIP	1M	5%	1/10W	R8219	1-216-809-11	METAL CHIP	100	5%	1/10W
						R8220	1-216-864-11	SHORT CHIP			
R8151	1-216-847-11	METAL CHIP	150K	5%	1/10W	R8223	1-216-864-11	SHORT CHIP			
R8152	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R8224	1-216-848-11	METAL CHIP	180K	5%	1/10W
R8153	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8225	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R8279	1-216-805-11	METAL CHIP	47	5%	1/10W
R8226	1-216-864-11	SHORT CHIP				R8280	1-216-805-11	METAL CHIP	47	5%	1/10W
R8227	1-216-848-11	METAL CHIP	180K	5%	1/10W	R8281	1-216-805-11	METAL CHIP	47	5%	1/10W
R8228	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R8282	1-216-805-11	METAL CHIP	47	5%	1/10W
R8229	1-216-822-11	METAL CHIP	1.2K	5%	1/10W	R8301	1-216-809-11	METAL CHIP	100	5%	1/10W
R8230	1-216-864-11	SHORT CHIP				R8302	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8231	1-216-841-11	METAL CHIP	47K	5%	1/10W	R8303	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R8233	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R8304	1-216-846-11	METAL CHIP	120K	5%	1/10W
R8234	1-216-816-11	METAL CHIP	390	5%	1/10W	R8305	1-218-864-11	METAL CHIP	5.1K	0.50%	1/10W
R8235	1-216-822-11	METAL CHIP	1.2K	5%	1/10W	R8306	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R8236	1-216-841-11	METAL CHIP	47K	5%	1/10W	R8307	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8238	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R8308	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8239	1-216-816-11	METAL CHIP	390	5%	1/10W	R8309	1-216-850-11	METAL CHIP	270K	5%	1/10W
R8240	1-216-864-11	SHORT CHIP				R8310	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R8241	1-216-864-11	SHORT CHIP				R8311	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8242	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R8312	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R8243	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R8313	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R8244	1-216-835-11	METAL CHIP	15K	5%	1/10W	R8314	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8245	1-216-835-11	METAL CHIP	15K	5%	1/10W	R8315	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R8246	1-216-835-11	METAL CHIP	15K	5%	1/10W	R8316	1-216-819-11	METAL CHIP	680	5%	1/10W
R8247	1-216-835-11	METAL CHIP	15K	5%	1/10W	R8317	1-216-819-11	METAL CHIP	680	5%	1/10W
R8248	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R8318	1-216-815-11	METAL CHIP	330	5%	1/10W
R8249	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R8319	1-218-704-11	METAL CHIP	3.3K	0.50%	1/10W
R8250	1-216-864-11	SHORT CHIP				R8320	1-216-815-11	METAL CHIP	330	5%	1/10W
R8251	1-216-864-11	SHORT CHIP				R8321	1-218-704-11	METAL CHIP	3.3K	0.50%	1/10W
R8252	1-216-864-11	SHORT CHIP				R8322	1-218-726-11	METAL CHIP	27K	0.50%	1/10W
R8254	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8323	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R8255	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8324	1-216-811-11	METAL CHIP	150	5%	1/10W
R8256	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8325	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8257	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8326	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8258	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8327	1-216-812-11	METAL CHIP	180	5%	1/10W
R8259	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8328	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R8260	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8329	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8261	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8330	1-216-839-11	METAL CHIP	33K	5%	1/10W
R8262	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8331	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8263	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8332	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R8264	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8333	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R8265	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R8334	1-216-864-11	SHORT CHIP			
R8269	1-216-809-11	METAL CHIP	100	5%	1/10W	R8336	1-216-839-11	METAL CHIP	33K	5%	1/10W
R8275	1-216-803-11	METAL CHIP	33	5%	1/10W	R8337	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8276	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8338	1-216-809-11	METAL CHIP	100	5%	1/10W
R8277	1-216-805-11	METAL CHIP	47	5%	1/10W	R8339	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8278	1-216-805-11	METAL CHIP	47	5%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8340	1-216-809-11	METAL CHIP	100	5%	1/10W	R8440	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8341	1-216-797-11	METAL CHIP	10	5%	1/10W	R8441	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8342	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R8343	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8442	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8344	1-216-817-11	METAL CHIP	470	5%	1/10W	R8443	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R8515	1-216-864-11	SHORT CHIP			
R8345	1-216-817-11	METAL CHIP	470	5%	1/10W	R8516	1-216-864-11	SHORT CHIP			
R8346	1-218-841-11	METAL CHIP	560	0.50%	1/10W	R8530	1-216-809-11	METAL CHIP	100	5%	1/10W
R8347	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W						
R8348	1-216-797-11	METAL CHIP	10	5%	1/10W	R8531	1-216-809-11	METAL CHIP	100	5%	1/10W
R8349	1-218-841-11	METAL CHIP	560	0.50%	1/10W	R8532	1-216-801-11	METAL CHIP	22	5%	1/10W
						R8533	1-216-801-11	METAL CHIP	22	5%	1/10W
R8350	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8536	1-216-864-11	SHORT CHIP			
R8351	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R8543	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8352	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W						
R8353	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R8544	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8354	1-216-817-11	METAL CHIP	470	5%	1/10W	R8545	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
						R8547	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R8355	1-216-817-11	METAL CHIP	470	5%	1/10W	R8548	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8356	1-216-835-11	METAL CHIP	15K	5%	1/10W	R8549	1-216-864-11	SHORT CHIP			
R8357	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R8358	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8550	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8360	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8551	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
						R8552	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8361	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8553	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8362	1-216-828-11	METAL CHIP	3.9K	5%	1/10W	R8555	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8363	1-216-864-11	SHORT CHIP									
R8364	1-216-864-11	SHORT CHIP				R8556	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8365	1-216-864-11	SHORT CHIP				R8558	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						R8560	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8366	1-216-809-11	METAL CHIP	100	5%	1/10W	R8561	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8367	1-216-809-11	METAL CHIP	100	5%	1/10W	R8562	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8368	1-216-801-11	METAL CHIP	22	5%	1/10W						
R8369	1-216-801-11	METAL CHIP	22	5%	1/10W	R8563	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8370	1-216-789-11	METAL CHIP	2.2	5%	1/10W	R8564	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
						R8565	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8406	1-216-864-11	SHORT CHIP				R8566	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8407	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8567	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8408	1-216-864-11	SHORT CHIP									
R8410	1-216-821-11	METAL CHIP	1K	5%	1/10W	R8568	1-216-864-11	SHORT CHIP			
R8411	1-216-801-11	METAL CHIP	22	5%	1/10W	R8569	1-216-864-11	SHORT CHIP			
						R8570	1-218-292-11	METAL CHIP	20K	5%	1/10W
R8412	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8571	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8413	1-216-801-11	METAL CHIP	22	5%	1/10W	R8572	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8414	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R8415	1-216-811-11	METAL CHIP	150	5%	1/10W	R8573	1-218-292-11	METAL CHIP	20K	5%	1/10W
R8436	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8574	1-216-835-11	METAL CHIP	15K	5%	1/10W
						R8575	1-216-835-11	METAL CHIP	15K	5%	1/10W
R8437	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R8576	1-216-801-11	METAL CHIP	22	5%	1/10W
R8438	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8577	1-216-801-11	METAL CHIP	22	5%	1/10W
R8439	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8578	1-218-292-11	METAL CHIP	20K	5%	1/10W	<u>VARISTOR</u>					
R8579	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	VD8006	1-803-974-21	VARISTOR, CHIP	(1608)		
R8580	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	VD8007	1-803-974-21	VARISTOR, CHIP	(1608)		
R8581	1-218-292-11	METAL CHIP	20K	5%	1/10W	VD8011	1-803-974-21	VARISTOR, CHIP	(1608)		
R8582	1-216-828-11	METAL CHIP	3.9K	5%	1/10W	VD8012	1-803-974-21	VARISTOR, CHIP	(1608)		
R8583	1-216-864-11	SHORT CHIP				VD8013	1-803-974-21	VARISTOR, CHIP	(1608)		
R8584	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	VD8014	1-803-974-21	VARISTOR, CHIP	(1608)		
R8585	1-216-828-11	METAL CHIP	3.9K	5%	1/10W	VD8015	1-803-974-21	VARISTOR, CHIP	(1608)		
R8587	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	VD8016	1-803-974-21	VARISTOR, CHIP	(1608)		
R8588	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	VD8017	1-803-974-21	VARISTOR, CHIP	(1608)		
R8589	1-216-864-11	SHORT CHIP				VD8018	1-803-974-21	VARISTOR, CHIP	(1608)		
R8590	1-216-837-11	METAL CHIP	22K	5%	1/10W	VD8019	1-803-974-21	VARISTOR, CHIP	(1608)		
R8591	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	VD8020	1-803-974-21	VARISTOR, CHIP	(1608)		
R8592	1-216-837-11	METAL CHIP	22K	5%	1/10W	VD8021	1-803-974-21	VARISTOR, CHIP	(1608)		
R8593	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	VD8022	1-803-974-21	VARISTOR, CHIP	(1608)		
R8594	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	VD8023	1-803-974-21	VARISTOR, CHIP	(1608)		
R8595	1-216-864-11	SHORT CHIP				VD8024	1-803-974-21	VARISTOR, CHIP	(1608)		
R8596	1-216-834-11	METAL CHIP	12K	5%	1/10W	<u>CRYSTAL</u>					
R8597	1-216-837-11	METAL CHIP	22K	5%	1/10W	X8001	1-781-282-11	VIBRATOR, CERAMIC			
R8598	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	X8301	1-781-132-21	VIBRATOR, CRYSTAL			
R8599	1-216-839-11	METAL CHIP	33K	5%	1/10W	<div>F</div> <div>* A-1060-176-A F BOARD, COMPLETE</div>					
R8600	1-216-840-11	METAL CHIP	39K	5%	1/10W						
R8601	1-216-840-11	METAL CHIP	39K	5%	1/10W	<u>CAPACITOR</u>					
R8602	1-216-837-11	METAL CHIP	22K	5%	1/10W	⚠ C1901	1-161-964-91	CERAMIC	0.0047μF	250V	
R8603	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	⚠ C1902	1-161-964-91	CERAMIC	0.0047μF	250V	
R8604	1-216-841-11	METAL CHIP	47K	5%	1/10W	⚠ C1903	1-165-530-31	MYLAR	0.47μF	10 0V	
R8605	1-216-864-11	SHORT CHIP				⚠ C1904	1-161-964-91	CERAMIC	0.0047μF	250V	
R8607	1-216-809-11	METAL CHIP	100	5%	1/10W	⚠ C1905	1-161-964-91	CERAMIC	0.0047μF	250V	
R8609	1-216-839-11	METAL CHIP	33K	5%	1/10W	C1906	1-107-652-11	ELECT	10μF	20% 250V	
R8610	1-216-839-11	METAL CHIP	33K	5%	1/10W	C1907	1-107-974-11	CERAMIC	47pF	5% 2KV	
R8612	1-216-864-11	SHORT CHIP				⚠ C1908	1-119-888-51	CERAMIC	2200pF	20% 250V	
R8614	1-216-864-11	SHORT CHIP				⚠ C1909	1-119-888-51	CERAMIC	2200pF	20% 250V	
R8616	1-216-839-11	METAL CHIP	33K	5%	1/10W	C1910	1-115-872-11	ELECT	2.2μF	20% 50V	
R8701	1-218-685-11	METAL CHIP	510	0.50%	1/10W						
R8703	1-218-692-11	METAL CHIP	1K	0.50%	1/10W						
R8704	1-218-864-11	METAL CHIP	5.1K	0.50%	1/10W						
<u>TUNER</u>											
TU8001	8-598-594-10	TUNER, FSS BTF-FA421									

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C1911	1-162-964-11	CERAMIC CHIP	0.001 μ F 10% 50V	FUSE HOLDER			
C1912	1-104-331-11	CERAMIC	0.0022 μ F 10% 1KV	\triangle FH1900	1-533-223-11	FUSE HOLDER	0A 0V
C1913	1-126-794-11	ELECT	4.7 μ F 20% 50V	\triangle FH1901	1-533-223-11	FUSE HOLDER	0A 0V
\triangle C1915	1-165-530-31	MYLAR	0.47 μ F 10 0V	IC			
C1916	1-107-826-11	CERAMIC CHIP	0.1 μ F 10% 16V	IC1900	6-600-279-01	IC	STR-A6169
C1918	1-131-872-91	CERAMIC CHIP	1000pF 10% 630V	IC1901	8-759-682-42	IC	MM1431ATT
C1919	1-107-884-11	ELECT	1000 μ F 20% 16V	COIL			
C1920	1-107-826-11	CERAMIC CHIP	0.1 μ F 10% 16V	L1900	1-412-537-31	INDUCTOR	100 μ H
C1921	1-126-923-91	ELECT	220 μ F 20% 10V	PHOTO COUPLER			
C1922	1-126-947-11	ELECT	47 μ F 20% 35V	\triangle PH1901	8-749-924-35	PHOTO COUPLER	ON3171-R
WIRE PIN				\triangle PH1902	8-749-924-35	PHOTO COUPLER	ON3171-R
* CLP1900	4-042-408-02	PIN(45), WIRE		RESISTOR			
CONNECTOR				\triangle R1900	1-247-289-00	METAL	8.2M 5% 1W
\triangle * CN1900	1-580-843-11	PIN, CONNECTOR (POWER)		R1903	1-219-759-11	METAL	1M 5% 1/2W
CN1902	1-695-915-11	TAB (CONTACT)		R1904	1-249-389-11	CARBON	4.7 5% 1/4W
CN1903	1-695-915-11	TAB (CONTACT)		R1905	1-216-150-91	RES-CHIP	10 5% 1/8W
CN1906	1-695-915-11	TAB (CONTACT)		R1906	1-216-150-91	RES-CHIP	10 5% 1/8W
\triangle * CN1909	1-580-689-31	PIN, CONNECTOR (PC BOARD)	4P	R1907	1-216-150-91	RES-CHIP	10 5% 1/8W
DIODE				R1908	1-216-150-91	RES-CHIP	10 5% 1/8W
\triangle D1900	8-719-077-76	DIODE	D2SB60A-F04	R1909	1-218-642-11	METAL OXIDE	100K 5% 1W
D1906	8-719-069-55	DIODE	UDZSTE-175.6B	R1910	1-216-864-11	SHORT CHIP	
D1907	6-500-849-01	DIODE	ERA22-08KFLB	R1911	1-249-393-11	CARBON	10 5% 1/4W
D1908	8-719-404-50	DIODE	MA111-TX	R1913	1-202-962-11	CEMENTED	3.3 5% 10W
D1909	6-500-567-31	DIODE	10ERB20-TB3	R1914	1-216-864-11	SHORT CHIP	
D1911	8-719-948-45	DIODE	ERA22-08	R1915	1-260-328-11	CARBON	1K 5% 1/2W
D1912	8-719-028-45	DIODE	D2L20U	R1916	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
D1913	8-719-404-50	DIODE	MA111-TX	R1917	1-249-389-11	CARBON	4.7 5% 1/4W
D1914	8-719-080-75	DIODE	M1FL20U-4063	R1918	1-216-821-11	METAL CHIP	1K 5% 1/10W
FUSE				R1919	1-216-817-11	METAL CHIP	470 5% 1/10W
\triangle F1900	1-576-193-11	FUSE	6.3A 125V	R1920	1-216-864-11	SHORT CHIP	
FERRITE BEAD				R1921	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
FB1900	1-469-869-21	FERRITE	0 μ H	R1922	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R1923	1-216-839-11	METAL CHIP	33K 5% 1/10W
				R1925	1-218-708-11	METAL CHIP	4.7K 0.50% 1/10W
				R1926	1-218-709-11	METAL CHIP	5.1K 0.50% 1/10W
				R1927	1-249-389-11	CARBON	4.7 5% 1/4W

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F G1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>RELAY</u>				C1621	1-126-933-11	ELECT	100μF 20% 16V
⚠ RY1900	1-755-388-11	RELAY (AC POWER)		C1623	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
⚠ RY1901	1-755-388-11	RELAY (AC POWER)		C1624	1-126-935-11	ELECT	470μF 20% 16V
				C1627	1-126-933-11	ELECT	100μF 20% 16V
<u>TRANSFORMER</u>				⚠ C1629	1-161-964-91	CERAMIC	0.0047μF 250V
⚠ T1900	1-456-859-11	LINE FILTER COIL		⚠ C1630	1-161-964-91	CERAMIC	0.0047μF 250V
⚠ T1901	1-456-859-11	LINE FILTER COIL		⚠ C1631	1-161-964-91	CERAMIC	0.0047μF 250V
⚠ T1902	1-443-312-11	TRANSFORMER, CONVERTER (SBT)		⚠ C1632	1-161-964-91	CERAMIC	0.0047μF 250V
				C1647	1-107-826-11	CERAMIC CHIP	0.1μF 10% 16V
<u>THERMISTOR</u>				C1649	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
⚠ TH1901	1-803-586-41	THERMISTOR		C1650	1-107-909-11	ELECT	47μF 20% 50V
				C1651	1-107-904-11	ELECT	3.3μF 20% 50V
<u>VARISTOR</u>				C1652	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
⚠ VD1901	1-804-992-21	VARISTOR		C1653	1-100-831-91	CERAMIC CHIP	0.001μF 2% 50V
VD1902	1-804-992-21	VARISTOR		C1655	1-107-906-11	ELECT	10μF 20% 50V
				C1657	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
				C1658	1-136-497-81	FILM	0.1μF 5% 50V
				C1659	1-107-888-11	ELECT	47μF 20% 25V
				C1660	1-107-826-11	CERAMIC CHIP	0.1μF 10% 16V
				C1661	1-107-824-11	CERAMIC	220pF 5% 1KV
				C1662	1-107-824-11	CERAMIC	220pF 5% 1KV
				C1663	1-165-954-11	FILM	56000pF 3% 800V
				C1664	1-107-894-11	ELECT	220μF 20% 35V
				C1665	1-107-905-11	ELECT	4.7μF 20% 50V
				C1668	1-107-905-11	ELECT	4.7μF 20% 50V
				C1669	1-107-826-11	CERAMIC CHIP	0.1μF 10% 16V
				C1670	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
				C1671	1-126-967-11	ELECT	47μF 20% 50V
				C1673	1-165-733-31	ELECT	100μF 20% 25V
				⚠ C1674	1-165-530-31	MYLAR	0.47μF 10 0V
				C1676	1-137-921-31	ELECT	1500μF 20% 10V
				C1677	1-131-975-11	ELECT	1200μF 20% 10V
				C1678	1-128-951-31	ELECT	2200μF 20% 16V
				C1679	1-128-950-31	ELECT	1000μF 20% 16V
				C1680	1-128-582-11	ELECT	10μF 20% 100V
				C1681	1-137-190-91	FILM	0.22μF 5% 50V
				C1683	1-126-768-11	ELECT	2200μF 20% 16V
				C1684	1-126-767-11	ELECT	1000μF 20% 16V
				C1687	1-162-964-11	CERAMIC CHIP	0.001μF 10% 50V
				C1688	1-162-964-11	CERAMIC CHIP	0.001μF 10% 50V
				C1689	1-162-964-11	CERAMIC CHIP	0.001μF 10% 50V
				C1694	1-128-955-31	ELECT	2200μF 20% 25V
				C1695	1-162-964-11	CERAMIC CHIP	0.001μF 10% 50V
				⚠ C1706	1-137-750-11	ELECT	1500μF 20% 250V

G1

* A-1060-177-A 4-382-854-01

G1 BOARD, COMPLETE
SCREW (M3X8), P, SW (+)

C1600	1-137-639-21	MYLAR	0.47μF	10%	450V
C1601	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C1602	1-126-967-11	ELECT	47μF	20%	50V
C1604	1-126-959-11	ELECT	0.47μF	20%	50V
C1605	1-126-964-11	ELECT	10μF	20%	50V
C1606	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1607	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C1608	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1609	1-136-497-81	FILM	0.1μF	5%	50V
C1610	1-126-947-11	ELECT	47μF	20%	35V
C1614	1-117-219-11	CERAMIC	68pF	5%	1KV
C1615	1-117-219-11	CERAMIC	68pF	5%	1KV
C1616	1-100-624-11	FILM	4700pF	3%	800V
C1617	1-126-968-11	ELECT	100μF	20%	50V
C1618	1-135-372-31	ELECT	470μF	20%	10V
C1620	1-128-951-31	ELECT	2200μF	20%	16V

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

G1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
\triangle C1707	1-137-750-11	ELECT	1500 μ F 20% 250V	D1634	8-719-510-12	DIODE	D10SC4M
C1712	1-100-714-11	ELECT	100 μ F 20% 400V	D1635	8-719-063-73	DIODE	D1NL20U-TR
C1713	1-100-714-11	ELECT	100 μ F 20% 400V	D1636	8-719-404-50	DIODE	MA111-TX
C1714	1-161-830-00	CERAMIC	0.0047 μ F 500V	D1637	8-719-404-50	DIODE	MA111-TX
C1715	1-126-964-11	ELECT	10 μ F 20% 50V	D1638	8-719-404-50	DIODE	MA111-TX
C1716	1-128-581-11	ELECT	4.7 μ F 20% 100V	D1639	8-719-404-50	DIODE	MA111-TX
C1717	1-137-190-91	FILM	0.22 μ F 5% 50V	\triangle D1640	8-719-060-89	DIODE	D4SBS6-F
* CLP1600	4-042-408-02	PIN(45), WIRE		D1641	8-719-063-73	DIODE	D1NL20U-TR
CONNECTOR				D1643	8-719-068-00	DIODE	ERC04-06SE
\triangle * CN1601	1-580-689-11	PIN, CONNECTOR (PC BOARD)	4P	D1644	8-719-068-00	DIODE	ERC04-06SE
* CN1602	1-691-960-21	PIN, CONNECTOR (PC BOARD)		D1645	8-719-064-49	DIODE	D4SBL40
CN1603	1-764-101-11	PIN, CONNECTOR (PC BOARD)	2P	D1646	6-500-567-21	DIODE	10ERB20-TB5
* CN1605	1-793-923-11	CONNECTOR, DIN (PLUG)	64P	D1647	8-719-983-37	DIODE	MTZJ-T-77-36A
CN1607	1-695-915-11	TAB (CONTACT)		FERRITE BEAD			
DIODE				FB1600	1-410-397-21	FERRITE	1.1 μ H
D1600	8-719-082-03	DIODE	MM3Z15VT1	FB1606	1-410-397-21	FERRITE	1.1 μ H
D1601	8-719-083-78	DIODE	10ERA60-TP	IC			
D1602	8-719-082-03	DIODE	MM3Z15VT1	IC1600	6-705-810-01	IC	MCZ3001DB
D1603	8-719-082-03	DIODE	MM3Z15VT1	IC1601	8-759-586-17	IC	TL1431CZ-AP
D1604	8-719-082-03	DIODE	MM3Z15VT1	IC1602	8-759-470-65	IC	PQ05RD1B
D1605	8-719-082-03	DIODE	MM3Z15VT1	IC1606	6-705-810-01	IC	MCZ3001DB
D1607	6-500-567-21	DIODE	10ERB20-TB5	IC1607	8-759-682-42	IC	MM1431ATT
D1608	8-719-022-97	DIODE	D2S4 μ F	IC1608	6-705-958-01	IC	PQ15RW21J00H
D1609	8-719-510-12	DIODE	D10SC4M	IC1609	6-705-958-01	IC	PQ15RW21J00H
D1610	8-719-068-71	DIODE	PTZ-TE25-13A	COIL			
\triangle D1611	8-719-026-63	DIODE	D10XB60S	L1600	1-412-537-31	INDUCTOR	100 μ H
D1619	8-719-082-03	DIODE	MM3Z15VT1	L1601	1-412-525-31	INDUCTOR	10 μ H
D1620	8-719-082-03	DIODE	MM3Z15VT1	L1602	1-406-659-11	INDUCTOR	10 μ H
D1621	8-719-082-03	DIODE	MM3Z15VT1	L1603	1-412-519-11	INDUCTOR	3.3 μ H
D1622	8-719-979-64	DIODE	μ F4005PKG23	L1607	1-412-525-31	INDUCTOR	10 μ H
D1623	8-719-082-03	DIODE	MM3Z15VT1	L1611	1-412-525-31	INDUCTOR	10 μ H
D1624	8-719-082-03	DIODE	MM3Z15VT1	L1614	1-412-519-11	INDUCTOR	3.3 μ H
D1625	8-719-081-97	DIODE	MMDL914T1	L1616	1-406-983-11	INDUCTOR	1MH
D1626	6-500-567-31	DIODE	10ERB20-TB3	PHOTO COUPLER			
D1627	8-719-081-97	DIODE	MMDL914T1	\triangle PH1600	8-749-924-35	PHOTO COUPLER	ON3171-R
D1629	8-719-028-45	DIODE	D2L20U	\triangle PH1602	8-749-924-35	PHOTO COUPLER	ON3171-R
D1630	8-719-510-12	DIODE	D10SC4M	\triangle PH1603	8-749-924-35	PHOTO COUPLER	ON3171-R
D1631	8-719-510-12	DIODE	D10SC4M				
D1632	8-719-404-50	DIODE	MA111-TX				
D1633	8-719-510-12	DIODE	D10SC4M				




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
<u>TRANSISTOR</u>						R1657	1-215-904-11	METAL OXIDE	100K	5%	2W
Q1600	8-729-052-29	TRANSISTOR	2SK2876-01MR-F122			R1668	1-216-837-11	METAL CHIP	22K	5%	1/10W
Q1601	8-729-052-29	TRANSISTOR	2SK2876-01MR-F122								
Q1602	8-729-140-96	TRANSISTOR	2SD774-34			R1669	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q1606	8-729-120-28	TRANSISTOR	2SC1623-L5L6			R1670	1-202-933-61	FUSIBLE	0.1	10%	1/2W
Q1609	8-729-120-28	TRANSISTOR	2SC1623-L5L6			R1672	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R1673	1-218-823-11	METAL CHIP	100	0.50%	1/10W
						R1674	1-218-870-11	METAL CHIP	9.1K	0.50%	1/10W
Q1612	8-729-120-28	TRANSISTOR	2SC1623-L5L6								
Q1613	6-550-526-11	TRANSISTOR	2SK2842(LBS2SONY)			R1680	1-216-864-11	SHORT CHIP			
Q1614	6-550-526-11	TRANSISTOR	2SK2842(LBS2SONY)			R1681	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q1615	8-729-120-28	TRANSISTOR	2SC1623-L5L6			R1682	1-216-864-11	SHORT CHIP			
Q1616	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R			R1683	1-245-472-21	METAL	270K	1%	1/4W
						R1684	1-245-471-21	METAL	240K	1%	1/4W
Q1617	8-729-120-28	TRANSISTOR	2SC1623-L5L6								
<u>RESISTOR</u>						R1685	1-245-471-21	METAL	240K	1%	1/4W
R1600	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W	R1686	1-245-471-21	METAL	240K	1%	1/4W
R1602	1-218-837-11	METAL CHIP	390	0.50%	1/10W	R1689	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R1603	1-245-478-21	METAL	470K	1%	1/4W	R1691	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1605	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R1696	1-211-991-11	METAL CHIP	82	0.50%	1/10W
R1606	1-245-478-21	METAL	470K	1%	1/4W						
						R1697	1-212-897-00	FUSIBLE	470	5%	1/4W
R1607	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R1700	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1608	1-212-897-00	FUSIBLE	470	5%	1/4W	R1701	1-249-393-11	CARBON	10	5%	1/4W
R1609	1-249-393-11	CARBON	10	5%	1/4W	R1702	1-249-393-11	CARBON	10	5%	1/4W
R1610	1-249-393-11	CARBON	10	5%	1/4W	R1703	1-216-864-11	SHORT CHIP			
R1611	1-216-833-11	METAL CHIP	10K	5%	1/10W						
						R1704	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1612	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1705	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1614	1-220-926-81	FUSIBLE	0.47	10%	1/2W	R1706	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1615	1-216-864-11	SHORT CHIP				R1707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1616	1-216-817-11	METAL CHIP	470	5%	1/10W	R1710	1-216-817-11	METAL CHIP	470	5%	1/10W
R1617	1-243-944-71	METAL	0.33	5%	2W						
						R1711	1-243-660-71	METAL	0.05	5%	2W
R1619	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1712	1-249-385-11	CARBON	2.2	5%	1/4W
R1620	1-216-864-11	SHORT CHIP				R1713	1-216-864-11	SHORT CHIP			
R1621	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1714	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1622	1-249-393-11	CARBON	10	5%	1/4W	R1715	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1623	1-216-833-11	METAL CHIP	10K	5%	1/10W						
						R1716	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1625	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R1717	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1626	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R1718	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1628	1-216-295-91	SHORT CHIP				R1719	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1629	1-216-295-91	SHORT CHIP				R1722	1-216-864-11	SHORT CHIP			
R1630	1-216-295-91	SHORT CHIP									
						R1723	1-249-377-11	CARBON	0.47	5%	1/4W
R1654	1-260-288-11	CARBON	0.47	5%	1/2W	R1724	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1655	1-260-288-11	CARBON	0.47	5%	1/2W	R1725	1-218-696-11	METAL CHIP	1.5K	0.50%	1/10W
R1656	1-215-904-11	METAL OXIDE	100K	5%	2W	R1726	1-218-724-11	METAL CHIP	22K	0.50%	1/10W
						R1728	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
						R1731	1-218-720-11	METAL CHIP	15K	0.50%	1/10W

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

G1 G2

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1733	1-218-726-11	METAL CHIP	27K	0.50%	1/10W	C6029	1-164-156-11	CERAMIC CHIP	0.1μF	25V	
R1734	1-218-692-11	METAL CHIP	1K	0.50%	1/10W	C6030	1-164-156-11	CERAMIC CHIP	0.1μF	25V	
R1735	1-218-692-11	METAL CHIP	1K	0.50%	1/10W	C6031	1-128-992-21	ELECT CHIP	47μF	20% 25V	
R1736	1-218-692-11	METAL CHIP	1K	0.50%	1/10W	C6032	1-128-992-21	ELECT CHIP	47μF	20% 25V	
						C6033	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
R1737	1-218-702-11	METAL CHIP	2.7K	0.50%	1/10W						
R1740	1-216-350-11	METAL OXIDE	1.2	5%	1W	C6034	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
R1752	1-260-131-11	CARBON	470K	5%	1/2W	C6036	1-128-992-21	ELECT CHIP	47μF	20% 25V	
R1753	1-260-131-11	CARBON	470K	5%	1/2W	C6038	1-128-992-21	ELECT CHIP	47μF	20% 25V	
R1754	1-202-933-61	FUSIBLE	0.1	10%	1/2W	C6039	1-164-156-11	CERAMIC CHIP	0.1μF	25V	
						C6041	1-127-931-21	ELECT CHIP	470μF	20% 16V	
R1755	1-249-393-11	CARBON	10	5%	1/4W						
R1756	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C6042	1-127-931-21	ELECT CHIP	470μF	20% 16V	
						C6044	1-162-970-11	CERAMIC CHIP	0.01μF	10% 25V	
						C6045	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6047	1-125-837-91	CERAMIC CHIP	1μF	10% 6.3V	
						C6048	1-162-970-11	CERAMIC CHIP	0.01μF	10% 25V	
TRANSFORMER											
△ T1601	1-443-444-11	CONVERTER TRANSFORMER (PIT)				C6049	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
△ T1602	1-439-879-11	TRANSFORMER, CONVERTER (PIT)				C6901	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6902	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6904	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6905	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6907	1-162-916-11	CERAMIC CHIP	12pF	5% 50V	
						C6908	1-162-916-11	CERAMIC CHIP	12pF	5% 50V	
						C6909	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6910	1-162-970-11	CERAMIC CHIP	0.01μF	10% 25V	
						C6912	1-162-927-11	CERAMIC CHIP	100pF	5% 50V	
						C6913	1-162-964-11	CERAMIC CHIP	0.001μF	10% 50V	
						C6914	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6915	1-162-970-11	CERAMIC CHIP	0.01μF	10% 25V	
						C6917	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6918	1-162-970-11	CERAMIC CHIP	0.01μF	10% 25V	
						C6919	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6920	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	
						C6923	1-107-826-11	CERAMIC CHIP	0.1μF	10% 16V	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CN6018	1-695-915-11	TAB (CONTACT)		FERRITE BEAD			
CN6019	1-816-957-11	DIN CONNECTOR (RECEPTACLE)	96P	FB6000	1-414-921-11	FERRITE	0μH
CN6020	1-816-957-11	DIN CONNECTOR (RECEPTACLE)	96P	FB6001	1-216-295-91	SHORT CHIP	
* CN6021	1-816-124-11	PIN, CONNECTOR (FOR PWB)	18P	FB6002	1-216-295-91	SHORT CHIP	
* CN6022	1-785-519-11	PIN, CONNECTOR (PC BOARD)	24P	FB6003	1-414-921-11	FERRITE	0μH
* CN6023	1-818-762-11	PIN, CONNECTOR (PC BOARD)	26P	FB6004	1-469-869-21	FERRITE	0μH
* CN6024	1-785-533-11	PIN, CONNECTOR (PC BOARD)	16P	FB6005	1-469-869-21	FERRITE	0μH
* CN6028	1-785-530-11	PIN, CONNECTOR (PC BOARD)	10P	FB6006	1-469-869-21	FERRITE	0μH
* CN6029	1-823-330-11	CONNECTOR, BOARD TO BOARD	40P	FB6007	1-500-329-21	FERRITE	0μH
* CN6030	1-537-738-21	TERMINAL, EARTH		IC			
* CN6031	1-537-738-21	TERMINAL, EARTH		IC6002	6-705-025-01	IC	PQ20WZ1UJ00H
* CN6032	1-537-738-21	TERMINAL, EARTH		IC6003	8-752-072-94	IC	CXA1875AM-T4
CN6033	1-770-722-11	CONNECTOR, BOARD TO BOARD	6P	IC6004	6-705-025-01	IC	PQ20WZ1UJ00H
* CN6900	1-691-551-11	PIN, CONNECTOR (SMD)	8P	IC6005	6-705-025-01	IC	PQ20WZ1UJ00H
DIODE				IC6006	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
D6002	8-719-404-50	DIODE	MA111-TX	IC6007	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
D6003	8-719-404-50	DIODE	MA111-TX	IC6008	6-705-025-01	IC	PQ20WZ1UJ00H
D6004	8-719-404-50	DIODE	MA111-TX	IC6010	6-703-076-01	IC	XC6204B332MR
D6005	8-719-914-43	DIODE	DAN202K	IC6902	6-804-936-01	IC	MB90F334APMC-GE1-GW03
D6006	8-719-404-50	DIODE	MA111-TX	IC6904	6-703-176-01	IC	PST3627UL
D6007	8-719-404-50	DIODE	MA111-TX	IC6905	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
D6008	8-719-404-50	DIODE	MA111-TX	IC6907	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
D6009	8-719-404-50	DIODE	MA111-TX	IC6908	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
D6011	8-719-404-50	DIODE	MA111-TX	IC6909	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
D6012	8-719-404-50	DIODE	MA111-TX	COIL			
D6013	8-719-404-50	DIODE	MA111-TX	L6000	1-414-857-11	INDUCTOR	100μH
D6014	8-719-404-50	DIODE	MA111-TX	L6001	1-414-857-11	INDUCTOR	100μH
D6015	8-719-404-50	DIODE	MA111-TX	TRANSISTOR			
D6016	8-719-914-43	DIODE	DAN202K	Q6000	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
D6017	8-719-977-28	DIODE	DTZ10B	Q6001	8-729-216-22	TRANSISTOR	2SA1162-G
D6018	8-719-082-03	DIODE	MM3Z15VT1	Q6002	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
D6019	8-719-404-50	DIODE	MA111-TX	Q6003	8-729-216-22	TRANSISTOR	2SA1162-G
D6020	8-719-404-50	DIODE	MA111-TX	Q6005	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
D6901	8-719-050-37	DIODE	M1MA152WA-T1	Q6006	8-729-216-22	TRANSISTOR	2SA1162-G
D6902	8-719-050-38	DIODE	M1MA152WK-T1	Q6007	8-729-027-43	TRANSISTOR	DTC114EKA-T146
D6904	8-719-025-31	DIODE	02CZ5.6-TE85L	Q6008	8-729-216-22	TRANSISTOR	2SA1162-G
D6905	8-719-404-50	DIODE	MA111-TX	Q6009	8-729-422-33	TRANSISTOR	2SD601A-Q-TX
				Q6010	8-729-422-33	TRANSISTOR	2SD601A-Q-TX



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q6011	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6032	1-216-864-11	SHORT CHIP			
Q6012	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6033	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q6014	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R6034	1-216-797-11	METAL CHIP	10	5%	1/10W
Q6015	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R6035	1-216-801-11	METAL CHIP	22	5%	1/10W
Q6901	8-729-028-28	TRANSISTOR	2SK2036(TE85L)			R6036	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q6902	8-729-028-28	TRANSISTOR	2SK2036(TE85L)			R6037	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q6904	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6038	1-216-801-11	METAL CHIP	22	5%	1/10W
Q6905	8-729-216-22	TRANSISTOR	2SA1162-G			R6039	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q6906	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R6040	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
Q6907	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6041	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q6908	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6042	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
Q6909	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6043	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q6910	8-729-216-22	TRANSISTOR	2SA1162-G			R6044	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q6912	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6045	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q6913	8-729-216-22	TRANSISTOR	2SA1162-G			R6046	1-216-797-11	METAL CHIP	10	5%	1/10W
Q6914	8-729-216-22	TRANSISTOR	2SA1162-G			R6047	1-216-864-11	SHORT CHIP			
Q6915	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6050	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
Q6916	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6051	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q6917	8-729-422-33	TRANSISTOR	2SD601A-Q-TX			R6052	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
						R6053	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
	RESISTOR					R6054	1-216-864-11	SHORT CHIP			
R6001	1-216-809-11	METAL CHIP	100	5%	1/10W	R6055	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R6002	1-216-809-11	METAL CHIP	100	5%	1/10W	R6057	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6003	1-216-864-11	SHORT CHIP				R6058	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6004	1-216-864-11	SHORT CHIP				R6059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6005	1-216-864-11	SHORT CHIP				R6060	1-216-809-11	METAL CHIP	100	5%	1/10W
R6006	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6008	1-216-820-11	METAL CHIP	820	5%	1/10W	R6062	1-216-809-11	METAL CHIP	100	5%	1/10W
R6010	1-216-864-11	SHORT CHIP				R6063	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6019	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6065	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6020	1-216-797-11	METAL CHIP	10	5%	1/10W	R6070	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6021	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6071	1-216-801-11	METAL CHIP	22	5%	1/10W
R6022	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6072	1-216-801-11	METAL CHIP	22	5%	1/10W
R6023	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6073	1-216-864-11	SHORT CHIP			
R6024	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6074	1-216-864-11	SHORT CHIP			
R6025	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6078	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6026	1-216-864-11	SHORT CHIP				R6079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6028	1-218-716-11	METAL CHIP	10K	0.50%	1/10W	R6080	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6029	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6081	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6030	1-216-864-11	SHORT CHIP				R6082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6031	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6083	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						R6084	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6085	1-216-833-11	METAL CHIP	10K	5%	1/10W




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6086	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6153	1-216-864-11	SHORT CHIP			
R6088	1-216-864-11	SHORT CHIP				R6154	1-216-864-11	SHORT CHIP			
						R6155	1-216-864-11	SHORT CHIP			
R6089	1-216-864-11	SHORT CHIP				R6156	1-216-864-11	SHORT CHIP			
R6091	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6157	1-216-864-11	SHORT CHIP			
R6099	1-216-864-11	SHORT CHIP									
R6100	1-216-864-11	SHORT CHIP				R6158	1-216-864-11	SHORT CHIP			
R6101	1-216-864-11	SHORT CHIP				R6159	1-216-864-11	SHORT CHIP			
						R6160	1-216-864-11	SHORT CHIP			
R6102	1-216-864-11	SHORT CHIP				R6164	1-216-864-11	SHORT CHIP			
R6103	1-216-864-11	SHORT CHIP				R6165	1-216-864-11	SHORT CHIP			
R6105	1-216-864-11	SHORT CHIP									
R6106	1-216-864-11	SHORT CHIP				R6166	1-216-864-11	SHORT CHIP			
R6107	1-216-864-11	SHORT CHIP				R6170	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6176	1-216-797-11	METAL CHIP	10	5%	1/10W
R6108	1-216-864-11	SHORT CHIP				R6177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6110	1-216-814-11	METAL CHIP	270	5%	1/10W	R6178	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6111	1-216-864-11	SHORT CHIP									
R6112	1-216-864-11	SHORT CHIP				R6179	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6113	1-216-864-11	SHORT CHIP				R6180	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
						R6181	1-216-864-11	SHORT CHIP			
R6114	1-216-864-11	SHORT CHIP				R6185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6115	1-216-864-11	SHORT CHIP				R6188	1-216-864-11	SHORT CHIP			
R6116	1-216-864-11	SHORT CHIP									
R6117	1-216-864-11	SHORT CHIP				R6189	1-216-864-11	SHORT CHIP			
R6118	1-216-864-11	SHORT CHIP				R6191	1-216-864-11	SHORT CHIP			
						R6192	1-216-864-11	SHORT CHIP			
R6119	1-216-864-11	SHORT CHIP				R6193	1-216-864-11	SHORT CHIP			
R6120	1-216-864-11	SHORT CHIP				R6195	1-216-864-11	SHORT CHIP			
R6121	1-216-864-11	SHORT CHIP									
R6122	1-216-864-11	SHORT CHIP				R6201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6123	1-216-864-11	SHORT CHIP				R6208	1-216-864-11	SHORT CHIP			
						R6213	1-216-864-11	SHORT CHIP			
R6126	1-216-864-11	SHORT CHIP				R6214	1-216-864-11	SHORT CHIP			
R6127	1-216-864-11	SHORT CHIP				R6215	1-216-864-11	SHORT CHIP			
R6128	1-216-864-11	SHORT CHIP									
R6129	1-216-864-11	SHORT CHIP				R6216	1-216-864-11	SHORT CHIP			
R6130	1-216-864-11	SHORT CHIP				R6217	1-216-864-11	SHORT CHIP			
						R6218	1-216-864-11	SHORT CHIP			
R6131	1-216-864-11	SHORT CHIP				R6219	1-216-864-11	SHORT CHIP			
R6134	1-216-864-11	SHORT CHIP				R6220	1-216-864-11	SHORT CHIP			
R6135	1-216-864-11	SHORT CHIP									
R6136	1-216-864-11	SHORT CHIP				R6864	1-216-864-11	SHORT CHIP			
R6137	1-216-864-11	SHORT CHIP				R6865	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6866	1-216-864-11	SHORT CHIP			
R6138	1-216-864-11	SHORT CHIP				R6867	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6143	1-216-864-11	SHORT CHIP				R6868	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6144	1-216-864-11	SHORT CHIP									
R6145	1-216-864-11	SHORT CHIP				R6869	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6146	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6870	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R6873	1-216-809-11	METAL CHIP	100	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6874	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6924	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6876	1-216-864-11	SHORT CHIP				R6925	1-216-864-11	SHORT CHIP			
R6877	1-216-864-11	SHORT CHIP				R6926	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6878	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6927	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6880	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6928	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6881	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6929	1-216-809-11	METAL CHIP	100	5%	1/10W
R6882	1-216-809-11	METAL CHIP	100	5%	1/10W	R6930	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6883	1-216-864-11	SHORT CHIP				R6931	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6884	1-216-864-11	SHORT CHIP				R6932	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6885	1-216-864-11	SHORT CHIP				R6933	1-216-809-11	METAL CHIP	100	5%	1/10W
R6886	1-216-864-11	SHORT CHIP				R6934	1-216-809-11	METAL CHIP	100	5%	1/10W
R6887	1-216-864-11	SHORT CHIP				R6935	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6888	1-216-864-11	SHORT CHIP				R6936	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6889	1-216-809-11	METAL CHIP	100	5%	1/10W	R6937	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6890	1-216-809-11	METAL CHIP	100	5%	1/10W	R6938	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6891	1-216-809-11	METAL CHIP	100	5%	1/10W	R6939	1-216-809-11	METAL CHIP	100	5%	1/10W
R6892	1-216-809-11	METAL CHIP	100	5%	1/10W	R6940	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6893	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6941	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6894	1-216-809-11	METAL CHIP	100	5%	1/10W	R6942	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6895	1-216-809-11	METAL CHIP	100	5%	1/10W	R6943	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6896	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R6944	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6897	1-216-864-11	SHORT CHIP				R6945	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6898	1-218-654-11	METAL CHIP	27	0.50%	1/10W	R6946	1-216-809-11	METAL CHIP	100	5%	1/10W
R6899	1-218-654-11	METAL CHIP	27	0.50%	1/10W	R6947	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6901	1-216-805-11	METAL CHIP	47	5%	1/10W	R6948	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6902	1-216-864-11	SHORT CHIP				R6949	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6904	1-216-864-11	SHORT CHIP				R6950	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6906	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6951	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6907	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6952	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6908	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6953	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6909	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6954	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6910	1-216-809-11	METAL CHIP	100	5%	1/10W	R6955	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6911	1-216-809-11	METAL CHIP	100	5%	1/10W	R6956	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6912	1-216-809-11	METAL CHIP	100	5%	1/10W	R6957	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6913	1-216-864-11	SHORT CHIP				R6958	1-216-864-11	SHORT CHIP			
R6914	1-216-801-11	METAL CHIP	22	5%	1/10W	R6959	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6915	1-216-801-11	METAL CHIP	22	5%	1/10W	R6960	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6918	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6961	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6919	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6962	1-216-814-11	METAL CHIP	270	5%	1/10W
R6920	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6963	1-216-809-11	METAL CHIP	100	5%	1/10W
R6921	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6964	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6922	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6966	1-216-801-11	METAL CHIP	22	5%	1/10W
						R6967	1-216-801-11	METAL CHIP	22	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
R6968	1-216-813-11	METAL CHIP	220	5%	1/10W		*	A-1060-187-A	KD BOARD, COMPLETE			
R6970	1-216-809-11	METAL CHIP	100	5%	1/10W							
R6971	1-216-833-11	METAL CHIP	10K	5%	1/10W							
R6972	1-216-833-11	METAL CHIP	10K	5%	1/10W							
R6973	1-216-833-11	METAL CHIP	10K	5%	1/10W							
R6974	1-216-864-11	SHORT CHIP										
R6976	1-216-801-11	METAL CHIP	22	5%	1/10W							
R6977	1-216-801-11	METAL CHIP	22	5%	1/10W							
R6978	1-216-845-11	METAL CHIP	100K	5%	1/10W							
R6979	1-216-864-11	SHORT CHIP										
R6980	1-216-809-11	METAL CHIP	100	5%	1/10W	C4702	1-124-779-00	ELECT CHIP	10µF	20%	16V	
R6981	1-216-809-11	METAL CHIP	100	5%	1/10W	C4704	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
R6982	1-216-841-11	METAL CHIP	47K	5%	1/10W	C4705	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
R6983	1-216-809-11	METAL CHIP	100	5%	1/10W	C4707	1-100-743-91	CERAMIC CHIP	2.2µF	20%	16V	
R6984	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4708	1-162-967-11	CERAMIC CHIP	0.0033µF	10%	50V	
R6985	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4709	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
R6986	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4710	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
R6987	1-216-809-11	METAL CHIP	100	5%	1/10W	C4711	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
R6988	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4714	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
R6989	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4715	1-126-395-11	ELECT CHIP	22µF	20%	16V	
R6990	1-216-864-11	SHORT CHIP				C4716	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
R6993	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4718	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
R6995	1-216-864-11	SHORT CHIP				C4719	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
R6996	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4720	1-125-827-91	CERAMIC CHIP	1µF	10%	25V	
R6999	1-216-833-11	METAL CHIP	10K	5%	1/10W	C4721	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
<u>RESISTOR BRIDGE</u>						C4722	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
RB6901	1-236-908-11	NETWORK RESISTOR(CHIP)	10K			C4723	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	
RB6902	1-236-908-11	NETWORK RESISTOR(CHIP)	10K			C4724	1-124-779-00	ELECT CHIP	10µF	20%	16V	
<u>CRYSTAL</u>						C4725	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
X6900	1-767-419-21	VIBRATOR, CRYSTAL				C4728	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	
						C4729	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
						C4730	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V	
						C4732	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	
						C4733	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
						C4735	1-126-193-11	ELECT CHIP	1µF	20%	50V	
						C4736	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	
						C4738	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	
						C4740	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
						C4741	1-131-704-11	FILM	1µF	5%	50V	
						C4742	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	
						C4743	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
						C4745	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	
						C4746	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
						C4747	1-162-967-11	CERAMIC CHIP	0.0033µF	10%	50V	
						C4748	1-131-704-11	FILM	1µF	5%	50V	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4749	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4801	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C4750	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4802	1-126-395-11	ELECT CHIP	22μF	20%	16V
C4751	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V						
C4752	1-162-967-11	CERAMIC CHIP	0.0033μF	10%	50V	C4803	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C4753	1-117-318-91	ELECT	2200μF	20%	25V	C4804	1-163-989-11	CERAMIC CHIP	0.033μF	10%	25V
						C4805	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4754	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4806	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4755	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C4807	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C4756	1-162-923-11	CERAMIC CHIP	47pF	5%	50V						
C4757	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C4808	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4758	1-163-989-11	CERAMIC CHIP	0.033μF	10%	25V	C4809	1-164-156-11	CERAMIC CHIP	0.1μF		25V
						C4811	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4759	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C4813	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4761	1-125-827-91	CERAMIC CHIP	1μF	10%	25V	C4814	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C4762	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V						
C4763	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C4817	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C4764	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C4818	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C4820	1-126-193-11	ELECT CHIP	1μF	20%	50V
C4765	1-128-994-21	ELECT CHIP	47μF	20%	10V	C4821	1-126-193-11	ELECT CHIP	1μF	20%	50V
C4766	1-128-994-21	ELECT CHIP	47μF	20%	10V	C4822	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C4767	1-128-994-21	ELECT CHIP	47μF	20%	10V						
C4768	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V	C4823	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C4769	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4825	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
						C4827	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4770	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V	C4828	1-128-006-11	ELECT CHIP	4.7μF	20%	25V
C4771	1-125-827-91	CERAMIC CHIP	1μF	10%	25V	C4829	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4772	1-128-994-21	ELECT CHIP	47μF	20%	10V						
C4773	1-124-779-00	ELECT CHIP	10μF	20%	16V	C4830	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C4774	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4831	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
						C4832	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C4776	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C4833	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4777	1-163-989-11	CERAMIC CHIP	0.033μF	10%	25V	C4834	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4778	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V						
C4780	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4835	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4781	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4836	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
						C4837	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4784	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4838	1-163-989-11	CERAMIC CHIP	0.033μF	10%	25V
C4785	1-131-704-11	FILM	1μF	5%	50V	C4839	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4786	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V						
C4788	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4840	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4789	1-131-704-11	FILM	1μF	5%	50V	C4842	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
						C4844	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C4790	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C4845	1-131-704-11	FILM	1μF	5%	50V
C4791	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C4846	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4792	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V						
C4793	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4847	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C4795	1-117-318-91	ELECT	2200μF	20%	25V	C4848	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
						C4850	1-131-704-11	FILM	1μF	5%	50V
C4796	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4851	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4797	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4852	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4799	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V						

99



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q4709	6-550-586-01	TRANSISTOR	2PA1576R-115			R4741	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q4711	6-550-585-01	TRANSISTOR	2PC4081R-115			R4742	1-216-864-11	SHORT CHIP			
						R4743	1-216-809-11	METAL CHIP	100	5%	1/10W
Q4901	6-550-586-01	TRANSISTOR	2PA1576R-115			R4744	1-216-864-11	SHORT CHIP			
Q4902	6-550-585-01	TRANSISTOR	2PC4081R-115			R4747	1-216-864-11	SHORT CHIP			
						R4750	1-216-864-11	SHORT CHIP			
						R4751	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R4752	1-216-817-11	METAL CHIP	470	5%	1/10W
						R4753	1-216-847-11	METAL CHIP	150K	5%	1/10W
						R4754	1-216-857-11	METAL CHIP	1M	5%	1/10W
						R4755	1-216-844-11	METAL CHIP	82K	5%	1/10W
						R4756	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R4757	1-216-846-11	METAL CHIP	120K	5%	1/10W
						R4758	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R4759	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R4760	1-216-846-11	METAL CHIP	120K	5%	1/10W
						R4761	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R4762	1-220-281-11	RES-CHIP	4.7K	5%	1/4W
						R4763	1-216-809-11	METAL CHIP	100	5%	1/10W
						R4764	1-216-809-11	METAL CHIP	100	5%	1/10W
						R4765	1-216-864-11	SHORT CHIP			
						R4767	1-216-809-11	METAL CHIP	100	5%	1/10W
						R4768	1-216-864-11	SHORT CHIP			
						R4770	1-216-813-11	METAL CHIP	220	5%	1/10W
						R4771	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R4772	1-216-809-11	METAL CHIP	100	5%	1/10W
						R4774	1-216-864-11	SHORT CHIP			
						R4775	1-216-864-11	SHORT CHIP			
						R4776	1-216-864-11	SHORT CHIP			
						R4778	1-216-864-11	SHORT CHIP			
						R4779	1-220-942-11	METAL CHIP	3.3	1%	1/4W
						R4780	1-216-864-11	SHORT CHIP			
						R4781	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
						R4782	1-220-942-11	METAL CHIP	3.3	1%	1/4W
						R4783	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
						R4784	1-216-864-11	SHORT CHIP			
						R4785	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R4786	1-216-864-11	SHORT CHIP			
						R4787	1-216-790-11	METAL CHIP	2.7	5%	1/10W
						R4788	1-216-864-11	SHORT CHIP			
						R4789	1-216-864-11	SHORT CHIP			
						R4791	1-216-864-11	SHORT CHIP			
						R4792	1-216-818-11	METAL CHIP	560	5%	1/10W

P

102



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>FERRITE BEAD</u>				<u>TRANSISTOR</u>			
FB9504	1-414-235-22	FERRITE	0μH	Q9501	8-729-024-88	TRANSISTOR	MUN2212T1
FB9505	1-414-235-22	FERRITE	0μH	Q9502	8-729-421-22	TRANSISTOR	UN2211
FB9506	1-414-235-22	FERRITE	0μH	Q9503	8-729-027-62	TRANSISTOR	DTC144WKA-T146
FB9507	1-414-235-22	FERRITE	0μH	Q9506	8-729-024-88	TRANSISTOR	MUN2212T1
FB9508	1-414-235-22	FERRITE	0μH	Q9511	8-729-421-22	TRANSISTOR	UN2211
FB9509	1-414-235-22	FERRITE	0μH	Q9514	8-729-027-62	TRANSISTOR	DTC144WKA-T146
FB9510	1-414-235-22	FERRITE	0μH	Q9516	8-729-421-22	TRANSISTOR	UN2211
FB9512	1-414-235-22	FERRITE	0μH	Q9517	8-729-421-22	TRANSISTOR	UN2211
<u>FILTER</u>				<u>RESISTOR</u>			
* FL9501	1-813-308-11	INDUCTOR	0μH	R9501	1-218-665-11	METAL CHIP	75 0.50% 1/10W
* FL9504	1-813-308-11	INDUCTOR	0μH	R9502	1-218-665-11	METAL CHIP	75 0.50% 1/10W
* FL9505	1-813-308-11	INDUCTOR	0μH	R9505	1-216-841-11	METAL CHIP	47K 5% 1/10W
* FL9506	1-813-308-11	INDUCTOR	0μH	R9507	1-216-857-11	METAL CHIP	1M 5% 1/10W
				R9508	1-216-857-11	METAL CHIP	1M 5% 1/10W
<u>IC</u>				R9509	1-216-857-11	METAL CHIP	1M 5% 1/10W
IC9500	6-706-257-01	IC	FMS6418AM16X	R9510	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9502	6-704-819-01	IC	CS4335-KSZR	R9511	1-216-803-11	METAL CHIP	33 5% 1/10W
IC9503	6-704-407-01	IC	PQ1CZ41H2ZPH	R9512	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9504	6-704-001-01	IC	BR24L02F-WE2	R9513	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9505	6-704-499-01	IC	SII9993CTG100	R9514	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9506	6-703-042-01	IC	CD4052BNSR	R9515	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9509	6-550-014-01	TRANSISTOR	SSM6N15FU(TE85R)	R9516	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9514	8-759-331-71	IC	NJM4558E(TE2)	R9517	1-218-665-11	METAL CHIP	75 0.50% 1/10W
IC9517	6-804-248-01	IC	HD64F3694FXV-DA4	R9518	1-216-857-11	METAL CHIP	1M 5% 1/10W
IC9521	8-759-642-22	IC	UPC29M05T-E2	R9519	1-216-803-11	METAL CHIP	33 5% 1/10W
<u>JACK</u>				R9520	1-216-816-11	METAL CHIP	390 5% 1/10W
J9503	1-794-623-11	JACK, PIN	2P	R9526	1-218-716-11	METAL CHIP	10K 0.50% 1/10W
<u>COIL</u>				R9528	1-216-837-11	METAL CHIP	22K 5% 1/10W
L9501	1-416-948-21	INDUCTOR	10μH	R9529	1-216-850-11	METAL CHIP	270K 5% 1/10W
L9502	1-400-303-21	INDUCTOR	68μH	R9530	1-216-821-11	METAL CHIP	1K 5% 1/10W
<u>IC LINK</u>				R9531	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
PS9500	1-576-415-21	FUSE	2A 32V	R9532	1-218-694-11	METAL CHIP	1.2K 0.50% 1/10W
				R9533	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
				R9534	1-218-686-11	METAL CHIP	560 0.50% 1/10W
				R9535	1-216-845-11	METAL CHIP	100K 5% 1/10W
				R9538	1-218-823-11	METAL CHIP	100 0.50% 1/10W
				R9539	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R9540	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
				R9541	1-218-694-11	METAL CHIP	1.2K 0.50% 1/10W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9542	1-216-850-11	METAL CHIP	270K	5%	1/10W	R9850	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9543	1-218-686-11	METAL CHIP	560	0.50%	1/10W	R9851	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9544	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W	R9852	1-218-644-11	METAL CHIP	10	0.50%	1/10W
R9546	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W	R9853	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9547	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9854	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9548	1-218-716-11	METAL CHIP	10K	0.50%	1/10W	R9860	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R9552	1-216-817-11	METAL CHIP	470	5%	1/10W	R9864	1-218-701-11	METAL CHIP	2.4K	0.50%	1/10W
R9555	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W	R9866	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9867	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9557	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W	R9868	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9558	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9869	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9559	1-216-809-11	METAL CHIP	100	5%	1/10W	R9882	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9560	1-216-864-11	SHORT CHIP				R9884	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9562	1-216-809-11	METAL CHIP	100	5%	1/10W	R9885	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9563	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W	R9886	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9564	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9887	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9565	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9888	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R9566	1-216-864-11	SHORT CHIP				R9890	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R9569	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9891	1-216-809-11	METAL CHIP	100	5%	1/10W
R9572	1-216-837-11	METAL CHIP	22K	5%	1/10W						
R9574	1-216-809-11	METAL CHIP	100	5%	1/10W	RESISTOR BRIDGE					
R9575	1-216-809-11	METAL CHIP	100	5%	1/10W	RB9500	1-234-524-21	RES, CHIP NETWORK	33	(3216)	
R9576	1-216-857-11	METAL CHIP	1M	5%	1/10W	RB9510	1-233-576-11	RES, CHIP NETWORK	100	(3216)	
R9577	1-216-857-11	METAL CHIP	1M	5%	1/10W	RB9511	1-233-574-11	RES, CHIP NETWORK	10	(3216)	
R9580	1-216-809-11	METAL CHIP	100	5%	1/10W	RB9512	1-233-574-11	RES, CHIP NETWORK	10	(3216)	
R9581	1-216-809-11	METAL CHIP	100	5%	1/10W	RB9516	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
R9582	1-216-833-11	METAL CHIP	10K	5%	1/10W	RB9517	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
R9584	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R9585	1-216-809-11	METAL CHIP	100	5%	1/10W	VARISTOR					
R9586	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9500	6-500-701-01	DIODE	PGB0010603NR		
R9592	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9501	6-500-701-01	DIODE	PGB0010603NR		
R9595	1-216-817-11	METAL CHIP	470	5%	1/10W	VD9502	6-500-701-01	DIODE	PGB0010603NR		
R9597	1-216-803-11	METAL CHIP	33	5%	1/10W	VD9503	6-500-701-01	DIODE	PGB0010603NR		
R9602	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9504	6-500-701-01	DIODE	PGB0010603NR		
R9606	1-216-864-11	SHORT CHIP				VD9505	6-500-701-01	DIODE	PGB0010603NR		
R9612	1-216-864-11	SHORT CHIP				VD9506	6-500-701-01	DIODE	PGB0010603NR		
R9614	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9507	6-500-701-01	DIODE	PGB0010603NR		
R9615	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9518	6-500-701-01	DIODE	PGB0010603NR		
R9616	1-216-809-11	METAL CHIP	100	5%	1/10W	VD9519	6-500-701-01	DIODE	PGB0010603NR		
R9623	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R9624	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R9625	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R9626	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R9627	1-216-809-11	METAL CHIP	100	5%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES				REF. NO.	PART NO.	DESCRIPTION	VALUES			
<u>CRYSTAL</u>							C3034	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
X9501	1-767-984-21	VIBRATOR, CRYSTAL					C3035	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
<div>B</div>							C3036	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
* A-1060-168-E B BOARD, COMPLETE							C3037	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
	7-682-947-01	SCREW +PSW	3X6				C3038	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
<u>CAPACITOR</u>							C3041	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3001	1-126-206-11	ELECT CHIP	100μF	20%	6.3V		C3042	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	
C3002	1-126-206-11	ELECT CHIP	100μF	20%	6.3V		C3043	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3003	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3044	1-128-993-21	ELECT CHIP	22μF	20%	10V	
C3004	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3045	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	
C3005	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3046	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3006	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3047	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3007	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3048	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3008	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3049	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3009	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3050	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3010	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3054	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3011	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3055	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3012	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3056	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3013	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3058	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V	
C3014	1-165-908-11	CERAMIC CHIP	1μF	10%	10V		C3059	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	
C3015	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3061	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
C3016	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V		C3062	1-128-993-21	ELECT CHIP	22μF	20%	10V	
C3017	1-165-908-11	CERAMIC CHIP	1μF	10%	10V		C3064	1-128-993-21	ELECT CHIP	22μF	20%	10V	
C3018	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3065	1-128-993-21	ELECT CHIP	22μF	20%	10V	
C3019	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3066	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	
C3020	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3070	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3021	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3071	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	
C3022	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3072	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3023	1-126-206-11	ELECT CHIP	100μF	20%	6.3V		C3073	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3024	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3074	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3025	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3075	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3026	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3076	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3027	1-126-206-11	ELECT CHIP	100μF	20%	6.3V		C3077	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3028	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3078	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	
C3029	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V		C3079	1-124-779-00	ELECT CHIP	10μF	20%	16V	
C3030	1-165-908-11	CERAMIC CHIP	1μF	10%	10V		C3080	1-124-779-00	ELECT CHIP	10μF	20%	16V	
C3031	1-126-206-11	ELECT CHIP	100μF	20%	6.3V		C3081	1-124-779-00	ELECT CHIP	10μF	20%	16V	
C3032	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V		C3082	1-124-779-00	ELECT CHIP	10μF	20%	16V	
C3033	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V		C3083	1-124-779-00	ELECT CHIP	10μF	20%	16V	
							C3084	1-124-779-00	ELECT CHIP	10μF	20%	16V	
							C3085	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	
							C3086	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3087	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3229	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3088	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3231	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3089	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V						
C3090	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3232	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3091	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3233	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
						C3235	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3092	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3236	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3093	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3237	1-126-204-11	ELECT CHIP	47μF	20%	16V
C3096	1-126-206-11	ELECT CHIP	100μF	20%	6.3V						
C3098	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3238	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3100	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3239	1-126-204-11	ELECT CHIP	47μF	20%	16V
						C3240	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3102	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3241	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3104	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3242	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3105	1-126-206-11	ELECT CHIP	100μF	20%	6.3V						
C3106	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3243	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3107	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C3244	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
						C3245	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3109	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3246	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3110	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C3251	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3114	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V						
C3116	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V	C3252	1-126-603-11	ELECT CHIP	4.7μF	20%	35V
C3117	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3253	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
						C3256	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3118	1-117-681-11	ELECT CHIP	100μF	20%	16V	C3301	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3201	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3302	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3202	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3203	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3303	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3204	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3304	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
						C3305	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3205	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3306	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3206	1-126-204-11	ELECT CHIP	47μF	20%	16V	C3307	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
C3207	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3208	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3308	1-126-603-11	ELECT CHIP	4.7μF	20%	35V
C3210	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3309	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
						C3310	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3211	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3311	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3212	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3312	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C3213	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3214	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3313	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3215	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3314	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
						C3315	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3216	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3316	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3217	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3317	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3218	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3219	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3318	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
C3222	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3319	1-124-779-00	ELECT CHIP	10μF	20%	16V
						C3320	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3224	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3321	1-126-204-11	ELECT CHIP	47μF	20%	16V
C3225	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3322	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
C3227	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3323	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	C3368	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3325	1-126-246-11	ELECT CHIP	220μF	20%	4V	C3369	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3326	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	C3370	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3327	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3371	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3328	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3372	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3329	1-165-643-21	ELECT CHIP	150μF	20%	4V	C3373	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3330	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3374	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3331	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3375	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3332	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3376	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3333	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3377	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3334	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3378	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3335	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3379	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3336	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3380	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3337	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3381	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3338	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3382	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3339	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3383	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3340	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3384	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3341	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3385	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3342	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3386	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3343	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3387	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3344	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3388	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3345	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3389	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3346	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3390	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3347	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3391	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3348	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3392	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3349	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3393	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3350	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3394	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3351	1-164-854-11	CERAMIC CHIP	15pF	5%	50V	C3395	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3352	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3396	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3353	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3397	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3354	1-164-854-11	CERAMIC CHIP	15pF	5%	50V	C3398	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3355	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3399	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3356	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3400	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3357	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3401	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3359	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3402	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3360	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3403	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3361	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C3404	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3362	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C3405	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3364	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3406	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3365	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3407	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3366	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3408	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3367	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3409	1-128-993-21	ELECT CHIP	22μF	20%	10V
						C3410	1-128-993-21	ELECT CHIP	22μF	20%	10V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3416	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3538	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3417	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3539	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V
C3418	1-104-601-11	ELECT CHIP	10μF	20%	10V	C3540	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3419	1-104-601-11	ELECT CHIP	10μF	20%	10V	C3541	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3420	1-104-601-11	ELECT CHIP	10μF	20%	10V	C3542	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3422	1-128-993-21	ELECT CHIP	22μF	20%	10V	C3543	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3423	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C3544	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3501	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3545	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3503	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3546	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3504	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3547	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3505	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3548	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3506	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3549	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3507	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3550	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V
C3508	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3551	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3509	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3552	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3510	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3553	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3511	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3554	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3512	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3555	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3513	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3556	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3514	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3557	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V
C3515	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3558	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V
C3516	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3559	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V
C3517	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3560	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3518	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3561	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3519	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3562	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3520	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3602	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3521	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3603	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3522	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3604	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3523	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3605	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3524	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3606	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3525	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3607	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3526	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3608	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3527	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3609	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3528	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3610	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3529	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3611	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3530	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3612	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3531	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3613	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3532	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3614	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3533	1-124-779-00	ELECT CHIP	10μF	20%	16V	C3615	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3534	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3616	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3535	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3617	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3536	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V	C3618	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3537	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3619	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3670	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3620	1-137-710-11	CERAMIC CHIP	10μF	20%	6.3V	C3671	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3621	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3672	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3622	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3673	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3625	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3674	1-137-987-81	CERAMIC CHIP	0.068μF	10%	10V
C3626	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3675	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3627	1-117-681-11	ELECT CHIP	100μF	20%	16V	C3676	1-137-987-81	CERAMIC CHIP	0.068μF	10%	10V
C3628	1-117-681-11	ELECT CHIP	100μF	20%	16V	C3677	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3629	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3678	1-164-942-11	CERAMIC CHIP	0.0068μF	10%	16V
C3630	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C3679	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3631	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C3680	1-164-942-11	CERAMIC CHIP	0.0068μF	10%	16V
C3632	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C3681	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3633	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3682	1-164-942-11	CERAMIC CHIP	0.0068μF	10%	16V
C3634	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3683	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3635	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3802	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3636	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C3803	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3637	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3804	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3638	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3805	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3639	1-164-856-81	CERAMIC CHIP	18pF	5%	50V	C3806	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C3640	1-164-854-11	CERAMIC CHIP	15pF	5%	50V	C3807	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C3641	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3808	1-164-842-11	CERAMIC CHIP	2pF	0.25pF	50V
C3642	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3809	1-127-988-81	CERAMIC CHIP	15000pF	10%	16V
C3644	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3811	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3646	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3812	1-164-941-11	CERAMIC CHIP	0.0047μF	10%	16V
C3647	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3813	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3648	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3814	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3649	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C3816	1-164-941-11	CERAMIC CHIP	0.0047μF	10%	16V
C3650	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C3817	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3653	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3818	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3654	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V	C3819	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3655	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3820	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V
C3656	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3821	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3659	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	CONNECTOR					
C3660	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	* CN3501	1-818-562-21	CONNECTOR (RECEPTACLE)	17P		
C3661	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	* CN3502	1-818-562-21	CONNECTOR (RECEPTACLE)	17P		
C3662	1-164-872-11	CERAMIC CHIP	82pF	5%	50V	* CN3603	1-691-551-11	PIN, CONNECTOR (SMD)	8P		
C3663	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	CN3605	1-794-087-11	CONNECTOR, BOARD TO BOARD	19P		
C3664	1-164-872-11	CERAMIC CHIP	82pF	5%	50V	CN3801	1-770-627-21	PIN, CONNECTOR	10P		
C3665	1-117-681-11	ELECT CHIP	100μF	20%	16V						
C3666	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3667	1-164-943-11	CERAMIC CHIP	0.01μF	10%	16V						
C3668	1-137-987-81	CERAMIC CHIP	0.068μF	10%	10V						
C3669	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V						



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>DIODE</u>				FL3602	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
D3205	8-719-050-38	DIODE	M1MA152WK-T1	FL3604	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
D3206	8-719-050-37	DIODE	M1MA152WA-T1	FL3605	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
D3301	8-719-083-58	DIODE	UDZSTE-173.9B	FL3606	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
D3501	8-719-081-97	DIODE	MMDL914T1	<u>IC</u>			
D3502	8-719-081-97	DIODE	MMDL914T1	IC3001	8-753-209-17	IC	CXD3807GB
D3503	8-719-081-97	DIODE	MMDL914T1	IC3002	6-705-403-01	IC	PQ070XZ01ZPH
D3504	8-719-081-97	DIODE	MMDL914T1	IC3003	6-706-873-01	IC	MT48LC4M16A2P-75-Y14W-G
D3505	8-719-081-97	DIODE	MMDL914T1	IC3004	6-706-892-01	IC	SM5302AS-G-ET
D3506	8-719-081-97	DIODE	MMDL914T1	IC3005	6-706-892-01	IC	SM5302AS-G-ET
D3507	8-719-081-97	DIODE	MMDL914T1	IC3006	8-759-680-92	IC	MAX4018EEE-TG068
D3508	8-719-081-97	DIODE	MMDL914T1	IC3008	8-759-581-11	IC	NJM2125F(TE2)
D3509	8-719-081-97	DIODE	MMDL914T1	IC3201	8-752-422-52	IC	CXD2097BQ
D3510	8-719-081-97	DIODE	MMDL914T1	IC3202	6-705-992-11	IC	HY57V161610ETP-7DR
D3609	8-719-050-37	DIODE	M1MA152WA-T1	IC3204	8-759-669-78	IC	TLC2933IPWR-12
D3610	8-719-050-38	DIODE	M1MA152WK-T1	IC3301	8-759-669-75	IC	TLC2932IPWR
D3611	8-719-050-37	DIODE	M1MA152WA-T1	IC3302	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
D3612	8-719-050-38	DIODE	M1MA152WK-T1	IC3303	6-705-921-01	IC	TLV5734
D3613	8-719-081-97	DIODE	MMDL914T1	IC3304	6-704-992-01	IC	CXD9707DGP
D3801	8-719-081-97	DIODE	MMDL914T1	IC3305	6-707-044-01	IC	CYISM560BSXT
D3804	8-719-081-97	DIODE	MMDL914T1	IC3306	6-706-155-01	IC	MT48LC2M32B2P-6-Y14W
D3808	8-719-050-38	DIODE	M1MA152WK-T1	IC3307	6-706-155-01	IC	MT48LC2M32B2P-6-Y14W
D3809	8-719-050-37	DIODE	M1MA152WA-T1	IC3308	8-759-592-42	IC	TC7SZ00FU(TE85R)
<u>FERRITE BEAD</u>				IC3309	6-705-403-01	IC	PQ070XZ01ZPH
FB3203	1-469-110-21	FERRITE	0μH	IC3502	6-702-973-01	IC	CXD9690Q
FB3204	1-216-864-11	SHORT CHIP		IC3503	6-704-519-01	IC	THC63LVD103
FB3301	1-414-229-11	FERRITE	0μH	IC3504	6-704-632-01	IC	THC63LVD104A
FB3302	1-414-229-11	FERRITE	0μH	IC3602	6-704-879-01	IC	NJU7223DL1-25
<u>FILTER</u>				IC3603	8-759-695-94	IC	TAR5S33(TE85R)
FL3001	1-234-177-21	FERRITE	0μH	IC3604	8-753-228-50	IC	CXQ91F318-106R
FL3002	1-234-177-21	FERRITE	0μH	IC3605	6-801-402-01	IC	BD4729GTR
FL3003	1-234-177-21	FERRITE	0μH	IC3606	6-801-402-01	IC	BD4729GTR
FL3004	1-234-177-21	FERRITE	0μH	IC3607	6-702-688-01	IC	M24C64-WMN6T(B)
FL3005	1-234-560-21	FILTER, LOW PASS		IC3608	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
FL3006	1-234-560-21	FILTER, LOW PASS		IC3801	6-804-883-01	IC	M306V3FGFP-04GW2
FL3007	1-234-177-21	FERRITE	0μH	IC3802	8-759-488-29	IC	TC7W66FU(TE12R)
FL3200	1-234-177-21	FERRITE	0μH	IC3803	6-704-067-01	IC	M24128-BWMN6T(A)
FL3201	1-234-177-21	FERRITE	0μH	IC3804	8-759-677-29	IC	TC74LVX125FT(EL)
FL3601	1-234-494-21	FILTER, EMI REMOVAL (SMD)		IC3805	6-701-680-01	IC	PST3629NR
				IC3806	6-701-680-01	IC	PST3629NR
				IC3807	6-801-402-01	IC	BD4729GTR
				IC3808	6-702-767-01	IC	BD4745G-TR



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>COIL</u>				L3507	1-469-555-21	INDUCTOR	10μH
L3001	1-469-549-21	INDUCTOR	1μH	L3508	1-469-555-21	INDUCTOR	10μH
L3004	1-469-549-21	INDUCTOR	1μH	L3601	1-469-555-21	INDUCTOR	10μH
L3005	1-469-549-21	INDUCTOR	1μH	L3602	1-469-555-21	INDUCTOR	10μH
L3006	1-469-549-21	INDUCTOR	1μH	L3603	1-469-555-21	INDUCTOR	10μH
L3007	1-469-549-21	INDUCTOR	1μH	L3604	1-469-555-21	INDUCTOR	10μH
L3008	1-469-549-21	INDUCTOR	1μH	L3605	1-469-555-21	INDUCTOR	10μH
L3009	1-469-549-21	INDUCTOR	1μH	L3606	1-469-555-21	INDUCTOR	10μH
L3010	1-469-549-21	INDUCTOR	1μH	L3801	1-469-555-21	INDUCTOR	10μH
L3011	1-412-029-11	INDUCTOR	10μH	L3802	1-469-555-21	INDUCTOR	10μH
L3012	1-412-029-11	INDUCTOR	10μH	<u>TRANSISTOR</u>			
L3013	1-469-549-21	INDUCTOR	1μH	Q3001	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L3015	1-469-555-21	INDUCTOR	10μH	Q3002	8-729-117-73	TRANSISTOR	2SC4178-F14
L3016	1-469-549-21	INDUCTOR	1μH	Q3003	8-729-117-73	TRANSISTOR	2SC4178-F14
L3017	1-469-549-21	INDUCTOR	1μH	Q3004	8-729-117-73	TRANSISTOR	2SC4178-F14
L3201	1-469-549-21	INDUCTOR	1μH	Q3005	8-729-117-73	TRANSISTOR	2SC4178-F14
L3202	1-469-561-21	INDUCTOR	100μH	Q3006	8-729-117-73	TRANSISTOR	2SC4178-F14
L3203	1-469-561-21	INDUCTOR	100μH	Q3007	8-729-122-63	TRANSISTOR	2SA1226-E4
L3204	1-469-549-21	INDUCTOR	1μH	Q3008	8-729-122-63	TRANSISTOR	2SA1226-E4
L3205	1-469-549-21	INDUCTOR	1μH	Q3009	8-729-122-63	TRANSISTOR	2SA1226-E4
L3206	1-469-549-21	INDUCTOR	1μH	Q3010	8-729-122-63	TRANSISTOR	2SA1226-E4
L3301	1-469-561-21	INDUCTOR	100μH	Q3011	8-729-117-73	TRANSISTOR	2SC4178-F14
L3302	1-469-561-21	INDUCTOR	100μH	Q3012	8-729-117-73	TRANSISTOR	2SC4178-F14
L3303	1-469-555-21	INDUCTOR	10μH	Q3013	8-729-122-63	TRANSISTOR	2SA1226-E4
L3304	1-469-549-21	INDUCTOR	1μH	Q3014	8-729-122-63	TRANSISTOR	2SA1226-E4
L3305	1-412-029-11	INDUCTOR	10μH	Q3015	8-729-122-63	TRANSISTOR	2SA1226-E4
L3306	1-469-555-21	INDUCTOR	10μH	Q3016	8-729-122-63	TRANSISTOR	2SA1226-E4
L3307	1-412-053-21	INDUCTOR	1.5μH	Q3018	8-729-122-63	TRANSISTOR	2SA1226-E4
L3308	1-412-053-21	INDUCTOR	1.5μH	Q3019	8-729-122-63	TRANSISTOR	2SA1226-E4
L3309	1-412-058-11	INDUCTOR	10μH	Q3020	8-729-122-63	TRANSISTOR	2SA1226-E4
L3310	1-412-029-11	INDUCTOR	10μH	Q3021	8-729-117-73	TRANSISTOR	2SC4178-F14
L3311	1-412-029-11	INDUCTOR	10μH	Q3203	8-729-905-35	TRANSISTOR	2SC4081-R
L3312	1-412-029-11	INDUCTOR	10μH	Q3204	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L3313	1-469-549-21	INDUCTOR	1μH	Q3302	8-729-905-35	TRANSISTOR	2SC4081-R
L3314	1-469-549-21	INDUCTOR	1μH	Q3303	8-729-905-35	TRANSISTOR	2SC4081-R
L3315	1-469-549-21	INDUCTOR	1μH	Q3304	8-729-117-73	TRANSISTOR	2SC4178-F14
L3316	1-469-555-21	INDUCTOR	10μH	Q3305	8-729-117-73	TRANSISTOR	2SC4178-F14
L3502	1-469-555-21	INDUCTOR	10μH	Q3306	8-729-117-73	TRANSISTOR	2SC4178-F14
L3503	1-412-026-11	INDUCTOR	1μH	Q3307	8-729-122-63	TRANSISTOR	2SA1226-E4
L3504	1-412-029-11	INDUCTOR	10μH	Q3308	8-729-122-63	TRANSISTOR	2SA1226-E4
L3505	1-469-555-21	INDUCTOR	10μH	Q3309	8-729-122-63	TRANSISTOR	2SA1226-E4
L3506	1-469-555-21	INDUCTOR	10μH				



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q3603	8-729-905-35	TRANSISTOR	2SC4081-R			R3023	1-218-990-11	SHORT CHIP			
Q3604	8-729-905-35	TRANSISTOR	2SC4081-R			R3024	1-218-937-11	RES-CHIP	47	5%	1/16W
Q3606	8-729-905-35	TRANSISTOR	2SC4081-R			R3025	1-218-937-11	RES-CHIP	47	5%	1/16W
Q3607	8-729-905-35	TRANSISTOR	2SC4081-R								
Q3608	8-729-901-47	TRANSISTOR	DTA143EK			R3026	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3027	1-218-990-11	SHORT CHIP			
Q3610	8-729-027-23	TRANSISTOR	DTA114EKA-T146			R3028	1-218-990-11	SHORT CHIP			
Q3612	8-729-905-35	TRANSISTOR	2SC4081-R			R3029	1-218-990-11	SHORT CHIP			
Q3615	8-729-028-28	TRANSISTOR	2SK2036(TE85L)			R3030	1-218-990-11	SHORT CHIP			
Q3616	8-729-905-35	TRANSISTOR	2SC4081-R								
Q3617	8-729-905-35	TRANSISTOR	2SC4081-R			R3031	1-218-965-11	RES-CHIP	10K	5%	1/16W
						R3032	1-218-990-11	SHORT CHIP			
Q3619	8-729-028-28	TRANSISTOR	2SK2036(TE85L)			R3033	1-218-990-11	SHORT CHIP			
Q3620	8-729-905-35	TRANSISTOR	2SC4081-R			R3034	1-218-990-11	SHORT CHIP			
Q3621	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR			R3036	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
Q3622	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR								
Q3623	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR			R3038	1-218-965-11	RES-CHIP	10K	5%	1/16W
						R3039	1-220-884-81	METAL CHIP	39	0.50%	1/16W
Q3624	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR			R3040	1-218-929-11	RES-CHIP	10	5%	1/16W
Q3801	8-729-905-35	TRANSISTOR	2SC4081-R			R3041	1-218-945-11	RES-CHIP	220	5%	1/16W
Q3802	8-729-027-23	TRANSISTOR	DTA114EKA-T146			R3042	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
Q3803	8-729-905-35	TRANSISTOR	2SC4081-R								
Q3804	8-729-905-35	TRANSISTOR	2SC4081-R			R3043	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
						R3044	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
Q3805	8-729-905-35	TRANSISTOR	2SC4081-R			R3045	1-208-885-11	METAL CHIP	820	0.50%	1/16W
Q3807	8-729-905-35	TRANSISTOR	2SC4081-R			R3046	1-218-943-11	RES-CHIP	150	5%	1/16W
Q3808	8-729-028-28	TRANSISTOR	2SK2036(TE85L)			R3047	1-218-943-11	RES-CHIP	150	5%	1/16W
Q3809	8-729-028-28	TRANSISTOR	2SK2036(TE85L)								
						R3048	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3049	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3050	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3051	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3052	1-218-990-11	SHORT CHIP			
						R3053	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3054	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3055	1-218-990-11	SHORT CHIP			
						R3056	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3057	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3058	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3059	1-218-948-11	RES-CHIP	390	5%	1/16W
						R3060	1-218-939-11	RES-CHIP	68	5%	1/16W
						R3061	1-218-929-11	RES-CHIP	10	5%	1/16W
						R3062	1-218-949-11	RES-CHIP	470	5%	1/16W
						R3063	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3064	1-208-679-11	METAL CHIP	680	0.50%	1/16W
						R3065	1-208-679-11	METAL CHIP	680	0.50%	1/16W
						R3066	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
						R3067	1-218-941-11	RES-CHIP	100	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3070	1-218-929-11	RES-CHIP	10	5%	1/16W	R3118	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R3071	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3119	1-208-679-11	METAL CHIP	680	0.50%	1/16W
R3072	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3073	1-218-937-11	RES-CHIP	47	5%	1/16W	R3120	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R3074	1-218-937-11	RES-CHIP	47	5%	1/16W	R3121	1-218-971-11	RES-CHIP	33K	5%	1/16W
						R3122	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R3076	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R3123	1-218-990-11	SHORT CHIP			
R3077	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3124	1-208-679-11	METAL CHIP	680	0.50%	1/16W
R3078	1-218-957-11	RES-CHIP	2.2K	5%	1/16W						
R3079	1-208-679-11	METAL CHIP	680	0.50%	1/16W	R3125	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R3080	1-208-679-11	METAL CHIP	680	0.50%	1/16W	R3128	1-218-943-11	RES-CHIP	150	5%	1/16W
						R3129	1-218-947-11	RES-CHIP	330	5%	1/16W
R3081	1-218-948-11	RES-CHIP	390	5%	1/16W	R3130	1-220-174-11	RES-CHIP	200	5%	1/16W
R3082	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R3135	1-220-174-11	RES-CHIP	200	5%	1/16W
R3083	1-218-948-11	RES-CHIP	390	5%	1/16W						
R3084	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R3136	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3085	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3138	1-218-929-11	RES-CHIP	10	5%	1/16W
						R3140	1-218-990-11	SHORT CHIP			
R3086	1-218-941-11	RES-CHIP	100	5%	1/16W	R3147	1-218-937-11	RES-CHIP	47	5%	1/16W
R3087	1-218-929-11	RES-CHIP	10	5%	1/16W	R3148	1-218-864-11	METAL CHIP	5.1K	0.50%	1/10W
R3088	1-218-929-11	RES-CHIP	10	5%	1/16W						
R3089	1-218-929-11	RES-CHIP	10	5%	1/16W	R3149	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R3090	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3150	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
						R3151	1-208-671-11	METAL CHIP	330	0.50%	1/16W
R3091	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3152	1-218-937-11	RES-CHIP	47	5%	1/16W
R3092	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3153	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R3093	1-218-929-11	RES-CHIP	10	5%	1/16W						
R3094	1-218-929-11	RES-CHIP	10	5%	1/16W	R3154	1-208-647-11	METAL CHIP	33	0.50%	1/16W
R3095	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R3155	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3156	1-218-990-11	SHORT CHIP			
R3096	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R3157	1-218-990-11	SHORT CHIP			
R3097	1-218-929-11	RES-CHIP	10	5%	1/16W	R3158	1-218-990-11	SHORT CHIP			
R3098	1-218-929-11	RES-CHIP	10	5%	1/16W						
R3100	1-218-990-11	SHORT CHIP				R3159	1-218-990-11	SHORT CHIP			
R3102	1-218-990-11	SHORT CHIP				R3160	1-218-990-11	SHORT CHIP			
						R3161	1-218-990-11	SHORT CHIP			
R3103	1-218-990-11	SHORT CHIP				R3162	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3104	1-218-990-11	SHORT CHIP				R3163	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3106	1-218-990-11	SHORT CHIP									
R3107	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3164	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R3109	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R3167	1-218-945-11	RES-CHIP	220	5%	1/16W
						R3168	1-208-861-81	METAL CHIP	82	0.50%	1/16W
R3110	1-218-990-11	SHORT CHIP				R3170	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3111	1-218-943-11	RES-CHIP	150	5%	1/16W	R3171	1-218-941-81	RES-CHIP	100	5%	1/16W
R3112	1-218-947-11	RES-CHIP	330	5%	1/16W						
R3113	1-220-174-11	RES-CHIP	200	5%	1/16W	R3172	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R3114	1-220-174-11	RES-CHIP	200	5%	1/16W	R3173	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3181	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R3115	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3182	1-218-937-11	RES-CHIP	47	5%	1/16W
R3116	1-218-990-11	SHORT CHIP				R3187	1-218-990-11	SHORT CHIP			
R3117	1-218-990-11	SHORT CHIP									



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3188	1-218-949-11	RES-CHIP	470	5%	1/16W	R3315	1-218-990-11	SHORT CHIP			
R3191	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3316	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3196	1-218-990-11	SHORT CHIP				R3317	1-218-945-11	RES-CHIP	220	5%	1/16W
R3201	1-216-864-11	SHORT CHIP				R3318	1-218-941-81	RES-CHIP	100	5%	1/16W
R3219	1-218-990-11	SHORT CHIP				R3319	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3221	1-218-990-11	SHORT CHIP				R3320	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3239	1-218-990-11	SHORT CHIP				R3321	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3244	1-218-990-11	SHORT CHIP				R3322	1-218-664-11	METAL CHIP	68	0.50%	1/10W
R3246	1-218-990-11	SHORT CHIP				R3323	1-216-815-11	METAL CHIP	330	5%	1/10W
R3247	1-218-990-11	SHORT CHIP				R3324	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3248	1-218-990-11	SHORT CHIP				R3325	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3249	1-218-990-11	SHORT CHIP				R3326	1-218-664-11	METAL CHIP	68	0.50%	1/10W
R3251	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3327	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3252	1-218-945-11	RES-CHIP	220	5%	1/16W	R3328	1-218-662-11	METAL CHIP	56	0.50%	1/10W
R3253	1-218-990-11	SHORT CHIP				R3329	1-218-664-11	METAL CHIP	68	0.50%	1/10W
R3255	1-216-801-11	METAL CHIP	22	5%	1/10W	R3330	1-216-815-11	METAL CHIP	330	5%	1/10W
R3256	1-208-898-81	METAL CHIP	3K	0.50%	1/16W	R3331	1-218-660-91	METAL CHIP	47	0.50%	1/10W
R3257	1-218-941-81	RES-CHIP	100	5%	1/16W	R3332	1-218-660-91	METAL CHIP	47	0.50%	1/10W
R3262	1-218-941-81	RES-CHIP	100	5%	1/16W	R3333	1-218-664-11	METAL CHIP	68	0.50%	1/10W
R3264	1-218-947-11	RES-CHIP	330	5%	1/16W	R3334	1-218-933-11	RES-CHIP	22	5%	1/16W
R3265	1-218-985-11	RES-CHIP	470K	5%	1/16W	R3335	1-218-933-11	RES-CHIP	22	5%	1/16W
R3266	1-218-969-11	RES-CHIP	22K	5%	1/16W	R3336	1-218-990-11	SHORT CHIP			
R3267	1-218-945-11	RES-CHIP	220	5%	1/16W	R3337	1-218-990-11	SHORT CHIP			
R3268	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3338	1-218-990-11	SHORT CHIP			
R3269	1-218-985-11	RES-CHIP	470K	5%	1/16W	R3339	1-218-990-11	SHORT CHIP			
R3270	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3340	1-218-990-11	SHORT CHIP			
R3272	1-216-805-11	METAL CHIP	47	5%	1/10W	R3341	1-218-990-11	SHORT CHIP			
R3276	1-543-949-22	FERRITE	0μH			R3342	1-218-990-11	SHORT CHIP			
R3277	1-543-949-22	FERRITE	0μH			R3343	1-218-933-11	RES-CHIP	22	5%	1/16W
R3284	1-218-935-11	RES-CHIP	33	5%	1/16W	R3344	1-218-990-11	SHORT CHIP			
R3285	1-218-942-11	RES-CHIP	120	5%	1/16W	R3345	1-218-933-11	RES-CHIP	22	5%	1/16W
R3286	1-218-942-11	RES-CHIP	120	5%	1/16W	R3346	1-218-990-11	SHORT CHIP			
R3288	1-218-990-11	SHORT CHIP				R3347	1-218-990-11	SHORT CHIP			
R3301	1-218-937-11	RES-CHIP	47	5%	1/16W	R3348	1-218-990-11	SHORT CHIP			
R3302	1-218-937-11	RES-CHIP	47	5%	1/16W	R3349	1-218-990-11	SHORT CHIP			
R3303	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3350	1-218-990-11	SHORT CHIP			
R3304	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3352	1-218-937-11	RES-CHIP	47	5%	1/16W
R3306	1-216-820-11	METAL CHIP	820	5%	1/10W	R3353	1-218-990-11	SHORT CHIP			
R3309	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3355	1-218-937-11	RES-CHIP	47	5%	1/16W
R3310	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3356	1-218-990-11	SHORT CHIP			
R3311	1-216-855-11	METAL CHIP	680K	5%	1/10W	R3358	1-218-937-11	RES-CHIP	47	5%	1/16W
R3312	1-218-709-11	METAL CHIP	5.1K	0.50%	1/10W	R3359	1-218-933-11	RES-CHIP	22	5%	1/16W
R3313	1-216-855-11	METAL CHIP	680K	5%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3360	1-218-933-11	RES-CHIP	22	5%	1/16W	R3412	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R3361	1-218-990-11	SHORT CHIP				R3413	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R3362	1-218-990-11	SHORT CHIP									
R3363	1-218-933-11	RES-CHIP	22	5%	1/16W	R3414	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R3364	1-218-935-11	RES-CHIP	33	5%	1/16W	R3415	1-208-675-11	METAL CHIP	470	0.50%	1/16W
						R3416	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R3366	1-218-990-11	SHORT CHIP				R3417	1-218-929-11	RES-CHIP	10	5%	1/16W
R3367	1-218-945-11	RES-CHIP	220	5%	1/16W	R3418	1-218-929-11	RES-CHIP	10	5%	1/16W
R3368	1-218-990-11	SHORT CHIP									
R3369	1-218-983-11	RES-CHIP	330K	5%	1/16W	R3419	1-218-929-11	RES-CHIP	10	5%	1/16W
R3370	1-218-990-11	SHORT CHIP				R3420	1-218-953-11	RES-CHIP	1K	5%	1/16W
						R3421	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3371	1-218-937-11	RES-CHIP	47	5%	1/16W	R3422	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3372	1-218-937-11	RES-CHIP	47	5%	1/16W	R3424	1-218-937-11	RES-CHIP	47	5%	1/16W
R3373	1-218-933-11	RES-CHIP	22	5%	1/16W						
R3374	1-218-990-11	SHORT CHIP				R3427	1-218-990-11	SHORT CHIP			
R3375	1-218-933-11	RES-CHIP	22	5%	1/16W	R3429	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3430	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R3376	1-218-990-11	SHORT CHIP				R3431	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R3377	1-218-990-11	SHORT CHIP				R3432	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3378	1-218-990-11	SHORT CHIP									
R3379	1-218-990-11	SHORT CHIP				R3501	1-218-937-11	RES-CHIP	47	5%	1/16W
R3380	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3503	1-218-965-11	RES-CHIP	10K	5%	1/16W
						R3504	1-218-933-11	RES-CHIP	22	5%	1/16W
R3381	1-218-990-11	SHORT CHIP				R3505	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3382	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3507	1-218-990-11	SHORT CHIP			
R3383	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3384	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3508	1-218-933-11	RES-CHIP	22	5%	1/16W
R3385	1-218-990-11	SHORT CHIP				R3509	1-218-933-11	RES-CHIP	22	5%	1/16W
						R3510	1-218-937-11	RES-CHIP	47	5%	1/16W
R3387	1-218-939-11	RES-CHIP	68	5%	1/16W	R3511	1-216-805-11	METAL CHIP	47	5%	1/10W
R3388	1-218-939-11	RES-CHIP	68	5%	1/16W	R3512	1-218-937-11	RES-CHIP	47	5%	1/16W
R3389	1-218-939-11	RES-CHIP	68	5%	1/16W						
R3390	1-218-939-11	RES-CHIP	68	5%	1/16W	R3513	1-218-937-11	RES-CHIP	47	5%	1/16W
R3391	1-218-939-11	RES-CHIP	68	5%	1/16W	R3514	1-216-805-11	METAL CHIP	47	5%	1/10W
						R3515	1-218-937-11	RES-CHIP	47	5%	1/16W
R3392	1-218-939-11	RES-CHIP	68	5%	1/16W	R3516	1-218-937-11	RES-CHIP	47	5%	1/16W
R3394	1-218-939-11	RES-CHIP	68	5%	1/16W	R3517	1-218-937-11	RES-CHIP	47	5%	1/16W
R3395	1-218-939-11	RES-CHIP	68	5%	1/16W						
R3396	1-218-939-11	RES-CHIP	68	5%	1/16W	R3518	1-218-937-11	RES-CHIP	47	5%	1/16W
R3397	1-218-939-11	RES-CHIP	68	5%	1/16W	R3520	1-216-805-11	METAL CHIP	47	5%	1/10W
						R3522	1-218-990-11	SHORT CHIP			
R3398	1-218-939-11	RES-CHIP	68	5%	1/16W	R3523	1-218-939-11	RES-CHIP	68	5%	1/16W
R3399	1-218-939-11	RES-CHIP	68	5%	1/16W	R3524	1-218-939-11	RES-CHIP	68	5%	1/16W
R3400	1-218-939-11	RES-CHIP	68	5%	1/16W						
R3401	1-218-929-11	RES-CHIP	10	5%	1/16W	R3525	1-218-990-11	SHORT CHIP			
R3402	1-218-937-11	RES-CHIP	47	5%	1/16W	R3527	1-218-990-11	SHORT CHIP			
						R3528	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3403	1-218-937-11	RES-CHIP	47	5%	1/16W	R3529	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3404	1-218-937-11	RES-CHIP	47	5%	1/16W	R3531	1-218-939-11	RES-CHIP	68	5%	1/16W
R3411	1-208-675-11	METAL CHIP	470	0.50%	1/16W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3532	1-216-864-11	SHORT CHIP				R3643	1-218-941-81	RES-CHIP	100	5%	1/16W
R3533	1-216-864-11	SHORT CHIP				R3644	1-218-941-81	RES-CHIP	100	5%	1/16W
R3534	1-216-864-11	SHORT CHIP									
R3535	1-218-941-11	RES-CHIP	100	5%	1/16W	R3645	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3536	1-218-941-11	RES-CHIP	100	5%	1/16W	R3646	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3647	1-218-937-11	RES-CHIP	47	5%	1/16W
R3537	1-218-941-11	RES-CHIP	100	5%	1/16W	R3648	1-218-937-11	RES-CHIP	47	5%	1/16W
R3538	1-218-941-11	RES-CHIP	100	5%	1/16W	R3649	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3539	1-218-941-11	RES-CHIP	100	5%	1/16W						
R3540	1-218-941-11	RES-CHIP	100	5%	1/16W	R3650	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R3544	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3651	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3652	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R3545	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3546	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3655	1-218-937-11	RES-CHIP	47	5%	1/16W
R3547	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3548	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3657	1-218-983-11	RES-CHIP	330K	5%	1/16W
R3605	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3658	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3660	1-219-570-11	METAL CHIP	10M	5%	1/10W
R3606	1-218-941-81	RES-CHIP	100	5%	1/16W	R3661	1-218-979-11	RES-CHIP	150K	5%	1/16W
R3607	1-216-864-11	SHORT CHIP				R3662	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3608	1-218-985-11	RES-CHIP	470K	5%	1/16W						
R3609	1-218-941-81	RES-CHIP	100	5%	1/16W	R3663	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3614	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3664	1-218-965-11	RES-CHIP	10K	5%	1/16W
						R3665	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3615	1-218-937-11	RES-CHIP	47	5%	1/16W	R3666	1-218-937-11	RES-CHIP	47	5%	1/16W
R3616	1-218-937-11	RES-CHIP	47	5%	1/16W	R3667	1-218-971-11	RES-CHIP	33K	5%	1/16W
R3617	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3619	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3668	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3620	1-218-937-11	RES-CHIP	47	5%	1/16W	R3670	1-218-941-81	RES-CHIP	100	5%	1/16W
						R3671	1-218-990-11	SHORT CHIP			
R3621	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R3672	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3622	1-218-937-11	RES-CHIP	47	5%	1/16W	R3673	1-218-937-11	RES-CHIP	47	5%	1/16W
R3624	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3625	1-218-933-11	RES-CHIP	22	5%	1/16W	R3674	1-218-937-11	RES-CHIP	47	5%	1/16W
R3628	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3675	1-218-953-11	RES-CHIP	1K	5%	1/16W
						R3676	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3629	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3677	1-218-941-81	RES-CHIP	100	5%	1/16W
R3630	1-218-937-11	RES-CHIP	47	5%	1/16W	R3678	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3631	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3632	1-218-937-11	RES-CHIP	47	5%	1/16W	R3679	1-218-929-11	RES-CHIP	10	5%	1/16W
R3633	1-218-937-11	RES-CHIP	47	5%	1/16W	R3680	1-218-929-11	RES-CHIP	10	5%	1/16W
						R3681	1-218-929-11	RES-CHIP	10	5%	1/16W
R3634	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3682	1-218-929-11	RES-CHIP	10	5%	1/16W
R3636	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3683	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3637	1-218-941-81	RES-CHIP	100	5%	1/16W						
R3638	1-218-971-11	RES-CHIP	33K	5%	1/16W	R3684	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3639	1-218-937-11	RES-CHIP	47	5%	1/16W	R3685	1-218-953-11	RES-CHIP	1K	5%	1/16W
						R3686	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3640	1-218-937-11	RES-CHIP	47	5%	1/16W	R3687	1-218-941-81	RES-CHIP	100	5%	1/16W
R3641	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3688	1-218-941-81	RES-CHIP	100	5%	1/16W
R3642	1-218-973-11	RES-CHIP	47K	5%	1/16W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3689	1-218-937-11	RES-CHIP	47	5%	1/16W	R3742	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R3690	1-218-941-81	RES-CHIP	100	5%	1/16W	R3744	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R3691	1-218-941-81	RES-CHIP	100	5%	1/16W						
R3692	1-218-941-81	RES-CHIP	100	5%	1/16W	R3745	1-218-937-11	RES-CHIP	47	5%	1/16W
R3694	1-218-937-11	RES-CHIP	47	5%	1/16W	R3746	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3747	1-218-937-11	RES-CHIP	47	5%	1/16W
R3695	1-218-941-81	RES-CHIP	100	5%	1/16W	R3748	1-218-937-11	RES-CHIP	47	5%	1/16W
R3696	1-218-937-11	RES-CHIP	47	5%	1/16W	R3749	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3697	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3698	1-218-941-81	RES-CHIP	100	5%	1/16W	R3750	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3699	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3751	1-218-953-11	RES-CHIP	1K	5%	1/16W
						R3752	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3700	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3753	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3701	1-220-804-11	RES-CHIP	2.2M	5%	1/16W	R3754	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3702	1-218-969-11	RES-CHIP	22K	5%	1/16W						
R3703	1-218-937-11	RES-CHIP	47	5%	1/16W	R3755	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3704	1-218-937-11	RES-CHIP	47	5%	1/16W	R3756	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
						R3757	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3705	1-218-949-11	RES-CHIP	470	5%	1/16W	R3758	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3706	1-218-937-11	RES-CHIP	47	5%	1/16W	R3759	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R3707	1-218-990-11	SHORT CHIP									
R3709	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3760	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R3710	1-218-969-11	RES-CHIP	22K	5%	1/16W	R3761	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
						R3762	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3712	1-218-969-11	RES-CHIP	22K	5%	1/16W	R3763	1-218-937-11	RES-CHIP	47	5%	1/16W
R3713	1-218-990-11	SHORT CHIP				R3764	1-218-937-11	RES-CHIP	47	5%	1/16W
R3714	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3716	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3765	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R3718	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3766	1-216-296-11	SHORT CHIP			
						R3767	1-216-296-11	SHORT CHIP			
R3719	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3768	1-216-296-11	SHORT CHIP			
R3723	1-218-990-11	SHORT CHIP				R3769	1-216-296-11	SHORT CHIP			
R3724	1-218-961-11	RES-CHIP	4.7K	5%	1/16W						
R3725	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3770	1-216-296-11	SHORT CHIP			
R3726	1-218-971-11	RES-CHIP	33K	5%	1/16W	R3771	1-218-990-11	SHORT CHIP			
						R3772	1-218-990-11	SHORT CHIP			
R3727	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3773	1-218-990-11	SHORT CHIP			
R3728	1-218-949-11	RES-CHIP	470	5%	1/16W	R3774	1-218-941-81	RES-CHIP	100	5%	1/16W
R3729	1-218-937-11	RES-CHIP	47	5%	1/16W						
R3730	1-218-941-81	RES-CHIP	100	5%	1/16W	R3775	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R3731	1-218-990-11	SHORT CHIP				R3776	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
						R3777	1-218-990-11	SHORT CHIP			
R3733	1-218-990-11	SHORT CHIP				R3778	1-218-990-11	SHORT CHIP			
R3734	1-218-990-11	SHORT CHIP				R3779	1-218-990-11	SHORT CHIP			
R3735	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3736	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3780	1-218-937-11	RES-CHIP	47	5%	1/16W
R3738	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3781	1-218-937-11	RES-CHIP	47	5%	1/16W
						R3783	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3739	1-218-990-11	SHORT CHIP				R3784	1-218-945-11	RES-CHIP	220	5%	1/16W
R3740	1-218-990-11	SHORT CHIP				R3785	1-218-945-11	RES-CHIP	220	5%	1/16W
R3741	1-218-990-11	SHORT CHIP									



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3786	1-218-945-11	RES-CHIP	220	5%	1/16W	R3851	1-218-990-11	SHORT CHIP			
R3792	1-218-990-11	SHORT CHIP				R3852	1-218-990-11	SHORT CHIP			
R3793	1-208-929-11	METAL CHIP	56K	0.50%	1/16W	R3853	1-218-990-11	SHORT CHIP			
R3794	1-208-929-11	METAL CHIP	56K	0.50%	1/16W	R3854	1-218-990-11	SHORT CHIP			
R3801	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3855	1-218-990-11	SHORT CHIP			
R3802	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3856	1-218-990-11	SHORT CHIP			
R3805	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3857	1-218-990-11	SHORT CHIP			
R3806	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3858	1-218-990-11	SHORT CHIP			
R3808	1-218-937-11	RES-CHIP	47	5%	1/16W	R3859	1-218-990-11	SHORT CHIP			
R3809	1-218-937-11	RES-CHIP	47	5%	1/16W	R3860	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3810	1-218-937-11	RES-CHIP	47	5%	1/16W	R3861	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3811	1-218-937-11	RES-CHIP	47	5%	1/16W	R3863	1-218-941-81	RES-CHIP	100	5%	1/16W
R3812	1-218-937-11	RES-CHIP	47	5%	1/16W	R3864	1-218-937-11	RES-CHIP	47	5%	1/16W
R3815	1-218-941-81	RES-CHIP	100	5%	1/16W	R3865	1-218-941-81	RES-CHIP	100	5%	1/16W
R3816	1-218-941-81	RES-CHIP	100	5%	1/16W	R3866	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3817	1-218-939-11	RES-CHIP	68	5%	1/16W	R3867	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3821	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3868	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3822	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3869	1-218-941-81	RES-CHIP	100	5%	1/16W
R3823	1-218-941-81	RES-CHIP	100	5%	1/16W	R3872	1-218-990-11	SHORT CHIP			
R3824	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3873	1-218-990-11	SHORT CHIP			
R3825	1-218-933-11	RES-CHIP	22	5%	1/16W	RESISTOR BRIDGE					
R3826	1-218-933-11	RES-CHIP	22	5%	1/16W	RB3001	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3828	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3002	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3829	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3003	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3830	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3004	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3831	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB3005	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3832	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB3006	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3833	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3007	1-234-371-21	RES, NETWORK 47	(1005X4)		
R3834	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3008	1-234-371-21	RES, NETWORK 47	(1005X4)		
R3835	1-218-973-11	RES-CHIP	47K	5%	1/16W	RB3009	1-234-371-21	RES, NETWORK 47	(1005X4)		
R3836	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3010	1-234-371-21	RES, NETWORK 47	(1005X4)		
R3837	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB3011	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3838	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3012	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3839	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3013	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3841	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3014	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3842	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3015	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R3843	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3016	1-234-372-21	RES, NETWORK 100	(1005X4)		
R3844	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3017	1-234-372-21	RES, NETWORK 100	(1005X4)		
R3845	1-218-933-11	RES-CHIP	22	5%	1/16W	RB3021	1-234-372-21	RES, NETWORK 100	(1005X4)		
R3846	1-218-933-11	RES-CHIP	22	5%	1/16W	RB3022	1-234-372-21	RES, NETWORK 100	(1005X4)		
R3847	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3201	1-234-371-21	RES, NETWORK 47	(1005X4)		
R3848	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3849	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R3850	1-218-990-11	SHORT CHIP									



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3202	1-234-371-21	RES, NETWORK 47	(1005X4)	CRYSTAL			
RB3203	1-234-371-21	RES, NETWORK 47	(1005X4)	X3301	1-813-114-21	VIBRATOR, CRYSTAL	
RB3204	1-234-371-21	RES, NETWORK 47	(1005X4)	X3302	1-813-373-11	OSCILLATOR, CRYSTAL	
RB3205	1-234-372-21	RES, NETWORK 100	(1005X4)	X3501	1-795-739-22	CRYSTAL OSCILLATOR (SMD)	
RB3206	1-234-372-21	RES, NETWORK 100	(1005X4)	X3601	1-795-753-21	VIBRATOR, CERAMIC	
RB3207	1-234-372-21	RES, NETWORK 100	(1005X4)	X3602	1-781-696-21	VIBRATOR, CRYSTAL	
RB3208	1-234-372-21	RES, NETWORK 100	(1005X4)	X3603	1-813-113-11	VIBRATOR, CRYSTAL	
RB3301	1-234-371-21	RES, NETWORK 47	(1005X4)	X3801	1-813-095-11	VIBRATOR, CRYSTAL	
RB3302	1-234-371-21	RES, NETWORK 47	(1005X4)	T			
RB3303	1-234-371-21	RES, NETWORK 47	(1005X4)	* A-1060-191-A T BOARD, MOUNTED			
RB3304	1-234-371-21	RES, NETWORK 47	(1005X4)	CONNECTOR			
RB3305	1-234-370-21	RES, NETWORK 22	(1005X4)	* CN8001	1-564-518-11	PLUG, CONNECTOR	3P
RB3306	1-234-370-21	RES, NETWORK 22	(1005X4)	SWITCH			
RB3307	1-234-370-21	RES, NETWORK 22	(1005X4)	S8001	1-570-245-11	SWITCH, MICRO	
RB3308	1-234-370-21	RES, NETWORK 22	(1005X4)	HM			
RB3309	1-234-378-21	RES, NETWORK 10K	(1005X4)	* A-1060-185-A HM BOARD, COMPLETE			
RB3310	1-234-378-21	RES, NETWORK 10K	(1005X4)	CAPACITOR			
RB3311	1-234-378-21	RES, NETWORK 10K	(1005X4)	C7203	1-162-910-11	CERAMIC CHIP	5pF 0.25pF 50V
RB3312	1-234-378-21	RES, NETWORK 10K	(1005X4)	C7204	1-162-911-11	CERAMIC CHIP	6pF 0.50pF 50V
RB3313	1-234-378-21	RES, NETWORK 10K	(1005X4)	C7205	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
RB3314	1-234-378-21	RES, NETWORK 10K	(1005X4)	C7206	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
RB3315	1-234-702-11	RES, NETWORK 68	(1005X4)	C7207	1-107-826-11	CERAMIC CHIP	0.1μF 10% 16V
RB3316	1-234-702-11	RES, NETWORK 68	(1005X4)	C7208	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
RB3501	1-234-371-21	RES, NETWORK 47	(1005X4)	C7209	1-125-837-91	CERAMIC CHIP	1μF 10% 6.3V
RB3502	1-234-371-21	RES, NETWORK 47	(1005X4)	C7210	1-107-826-11	CERAMIC CHIP	0.1μF 10% 16V
RB3503	1-234-371-21	RES, NETWORK 47	(1005X4)	C7211	1-127-760-11	CERAMIC CHIP	4.7μF 10% 6.3V
RB3504	1-234-371-21	RES, NETWORK 47	(1005X4)	C7212	1-125-837-91	CERAMIC CHIP	1μF 10% 6.3V
RB3505	1-234-371-21	RES, NETWORK 47	(1005X4)	C7213	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
RB3506	1-234-371-21	RES, NETWORK 47	(1005X4)	C7215	1-164-156-11	CERAMIC CHIP	0.1μF 25V
RB3507	1-234-371-21	RES, NETWORK 47	(1005X4)	C7216	1-162-970-11	CERAMIC CHIP	0.01μF 10% 25V
RB3508	1-234-702-11	RES, NETWORK 68	(1005X4)	C7217	1-125-837-91	CERAMIC CHIP	1μF 10% 6.3V
RB3509	1-234-702-11	RES, NETWORK 68	(1005X4)	C7218	1-164-156-11	CERAMIC CHIP	0.1μF 25V
RB3510	1-234-702-11	RES, NETWORK 68	(1005X4)				
RB3511	1-234-702-11	RES, NETWORK 68	(1005X4)				
RB3512	1-234-702-11	RES, NETWORK 68	(1005X4)				
RB3513	1-234-702-11	RES, NETWORK 68	(1005X4)				
RB3601	1-234-378-21	RES, NETWORK 10K	(1005X4)				
RB3602	1-234-371-21	RES, NETWORK 47	(1005X4)				
RB3603	1-234-371-21	RES, NETWORK 47	(1005X4)				
RB3604	1-234-371-21	RES, NETWORK 47	(1005X4)				
RB3605	1-234-371-21	RES, NETWORK 47	(1005X4)				
RB3606	1-234-371-21	RES, NETWORK 47	(1005X4)				



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7219	1-164-156-11	CERAMIC CHIP	0.1μF	25V		R7204	1-216-809-11	METAL CHIP	100	5%	1/10W
C7220	1-164-156-11	CERAMIC CHIP	0.1μF	25V		R7205	1-216-864-11	SHORT CHIP			
C7221	1-164-156-11	CERAMIC CHIP	0.1μF	25V							
C7224	1-164-156-11	CERAMIC CHIP	0.1μF	25V		R7206	1-216-857-11	METAL CHIP	1M	5%	1/10W
C7301	1-162-974-11	CERAMIC CHIP	0.01μF	50V		R7209	1-414-228-11	FERRITE	0μH		
						R7210	1-216-803-11	METAL CHIP	33	5%	1/10W
						R7211	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R7212	1-216-803-11	METAL CHIP	33	5%	1/10W
CONNECTOR											
* CN7201	1-784-010-11	CONNECTOR, USB (B)				R7214	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
CN7204	1-817-653-11	MEMORY STICK CONNECTOR				R7215	1-414-228-11	FERRITE	0μH		
* CN7301	1-564-506-11	PLUG, CONNECTOR	3P			R7216	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R7217	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R7218	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R7219	1-216-817-11	METAL CHIP	470	5%	1/10W
						R7221	1-216-821-11	METAL CHIP	1K	5%	1/10W
D7201	8-719-800-76	DIODE	1SS226			R7222	1-216-809-11	METAL CHIP	100	5%	1/10W
D7202	8-719-083-58	DIODE	UDZSTE-173.9B			R7223	1-216-809-11	METAL CHIP	100	5%	1/10W
D7210	6-500-182-01	DIODE	L-1503CB/11D-F01			R7224	1-216-809-11	METAL CHIP	100	5%	1/10W
D7212	8-719-083-58	DIODE	UDZSTE-173.9B								
						R7225	1-216-809-11	METAL CHIP	100	5%	1/10W
						R7226	1-216-864-11	SHORT CHIP			
						R7227	1-216-864-11	SHORT CHIP			
						R7228	1-216-864-11	SHORT CHIP			
						R7229	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R7231	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						R7234	1-216-809-11	METAL CHIP	100	5%	1/10W

H2

H1

H3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4507	1-162-974-11	CERAMIC CHIP	0.01μF	50V	
C4508	1-162-974-11	CERAMIC CHIP	0.01μF	50V	
<u>CONNECTOR</u>					
CN4502	1-770-626-21	PIN, CONNECTOR	9P		
<u>DIODE</u>					
D4503	8-719-078-28	DIODE	SML-010LT-T86		
D4504	8-719-067-82	DIODE	SML-020MLTT86		
D4510	8-719-078-28	DIODE	SML-010LT-T86		
<u>IC</u>					
IC171	6-600-210-01	IC	RPM7240-H8		
IC172	6-706-481-01	IC	TC7SET32FU(T5RSQJF)		
<u>TRANSISTOR</u>					
Q4503	8-729-422-33	TRANSISTOR	2SD601A-Q-TX		
Q4504	8-729-422-33	TRANSISTOR	2SD601A-Q-TX		
Q4508	1-801-806-11	TRANSISTOR	DTC144EKA		
Q4509	1-801-806-11	TRANSISTOR	DTC144EKA		
Q4510	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q4511	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
<u>RESISTOR</u>					
R175	1-216-805-11	METAL CHIP	47	5%	1/10W
R176	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4502	1-216-813-11	METAL CHIP	220	5%	1/10W
R4504	1-216-809-11	METAL CHIP	100	5%	1/10W
R4505	1-216-864-11	SHORT CHIP			
R4506	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4509	1-216-813-11	METAL CHIP	220	5%	1/10W
R4512	1-216-813-11	METAL CHIP	220	5%	1/10W
R4513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4514	1-216-864-11	SHORT CHIP			
R4515	1-216-864-11	SHORT CHIP			
R4516	1-216-813-11	METAL CHIP	220	5%	1/10W
R4517	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4518	1-216-833-11	METAL CHIP	10K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
<div>H1</div>					
*	A-1054-671-A	H1 BOARD, MOUNTED			
<u>CAPACITOR</u>					
C171	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
<u>CONNECTOR</u>					
CN171	1-580-057-11	PIN, CONNECTOR (SMD)		4P	
<u>DIODE</u>					
D171	8-719-069-55	DIODE		UDZSTE-175.6B	
<u>RESISTOR</u>					
R171	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R172	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R173	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R174	1-218-700-11	METAL CHIP	2.2K	0.50%	1/10W
<u>SWITCH</u>					
S171	1-762-196-21	SWITCH, TACTILE			
S172	1-762-196-21	SWITCH, TACTILE			
S173	1-762-196-21	SWITCH, TACTILE			
S174	1-762-196-21	SWITCH, TACTILE			
S175	1-762-196-21	SWITCH, TACTILE			
<u>VARISTOR</u>					
VD171	1-803-974-21	VARISTOR, CHIP	(1608)		
<div>H3</div>					
*	A-1054-673-A	H3 BOARD, MOUNTED			
<u>CAPACITOR</u>					
C41	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C42	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C50	1-126-964-11	ELECT	10μF	20%	50V

H3

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
C51	1-126-964-11	ELECT	10μF	20%	50V	MISCELLANEOUS			
C52	1-126-964-11	ELECT	10μF	20%	50V	*	4-098-165-01	CLAMPER	
C53	1-126-964-11	ELECT	10μF	20%	50V	*	4-662-796-01	CLIP, COACHING	
C70	1-162-974-11	CERAMIC CHIP	0.01μF		50V		4-035-160-01	PURSE LOCK (S) (DIA. 12)	
C72	1-115-156-11	CERAMIC CHIP	1μF		10V	*	4-091-379-11	SPACER, ROCKING CARD	
C77	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V		4-078-622-02	TAPE (C), PE	
							7-600-004-25	TAPE, ACETATE (NO.5) 25X20M BLK	
		CONNECTOR					3-701-810-71	SCREW, TERMINAL	
CN43	1-564-528-11	PLUG, CONNECTOR		13P			4-084-345-01	(+)P TAPPING SCREW B-O (W)	
		JACK					4-319-520-11	SCREW, SPECIAL (+PW4X30)	
J40	1-818-765-11	S TERMINAL CONNECTOR					7-621-555-50	SCREW +K 2X8	
* J41	1-818-768-11	JACK, PIN		3P			7-623-210-22	SW 4, TYPE 2	
		RESISTOR					7-681-000-00	SCREW +PWH M2X5	
R41	1-216-864-11	SHORT CHIP					7-682-148-09	SCREW +P 3X8	
R42	1-216-864-11	SHORT CHIP					7-682-660-09	SCREW +PS 4X6	
R43	1-216-821-11	METAL CHIP	1K	5%	1/10W		7-684-024-04	SCREW N 4, TYPE 2	
R44	1-216-821-11	METAL CHIP	1K	5%	1/10W		7-685-146-11	SCREW +P 3X8 TYPE2 NON-SLIT	
R45	1-216-864-11	SHORT CHIP					7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
R46	1-216-849-11	METAL CHIP	220K	5%	1/10W		7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
R47	1-216-849-11	METAL CHIP	220K	5%	1/10W		7-685-661-14	SCREW +BVTP 4X12 TYPE2 IT-3	
R48	1-218-665-11	METAL CHIP	75	0.50%	1/10W		7-685-664-79	SCREW +BVTP 4X20 TYPE2 IT-3	
R50	1-218-665-11	METAL CHIP	75	0.50%	1/10W		7-685-903-21	SCREW +PTPWH 3X8 (TYPE2)	
R59	1-216-864-11	SHORT CHIP					7-685-904-21	SCREW +PTPWH 4X10 TYPE 2	
R60	1-216-864-11	SHORT CHIP					4-382-854-01	SCREW (M3X8), P, SW (+)	
R75	1-216-821-11	METAL CHIP	1K	5%	1/10W				
R89	1-218-665-11	METAL CHIP	75	0.50%	1/10W				
		VARISTOR							
VD40	1-803-974-21	VARISTOR, CHIP	(1608)						
VD41	1-803-974-21	VARISTOR, CHIP	(1608)						
VD42	1-803-974-21	VARISTOR, CHIP	(1608)						
VD43	1-803-974-21	VARISTOR, CHIP	(1608)						
VD44	1-803-974-21	VARISTOR, CHIP	(1608)						



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>PACKING AND ACCESSORIES</u>				<u>REMOTE COMMANDER</u>			
*	4-041-426-01	BAG, PROTECTION (KDF-55WF655 ONLY)		1-478-918-11		REMOTE COMMANDER (RM-Y915)	
*	4-097-659-01	BAG, PROTECTION (KDF-60WF655 ONLY)		3-072-138-01		BATTERY COVER (FOR RM-Y915)	
*	2-023-276-01	CUSHION (LOWER) (KDF-55WF655 ONLY)					
*	2-023-606-01	CUSHION (LOWER) (KDF-60WF655 ONLY)					
*	2-023-275-01	CUSHION (UPPER) (KDF-55WF655 ONLY)					
*	2-023-605-01	CUSHION (UPPER) (KDF-60WF655 ONLY)					
	2-059-371-12	GUIDE, QUICK START					
	2-059-371-21	GUIDE, QUICK START					
	2-059-371-31	GUIDE, QUICK START					
*	2-023-271-01	INDIVIDUAL CARTON (KDF-55WF655 ONLY)					
*	2-023-601-01	INDIVIDUAL CARTON (KDF-60WF655 ONLY)					
	2-059-370-12	MANUAL, INSTRUCTION					
	2-059-370-21	MANUAL, INSTRUCTION					
	2-059-370-31	MANUAL, INSTRUCTION					
*	1-417-507-11	POD-HOST CERT,D-CABLE READY					
*	2-348-100-01	SHEET, PROTECTION					
*	4-097-660-01	SHEET, PROTECTION					

- ☛ *In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.*